

VIRGINIA MEDINILLA, M.D., Ph.D.

Wisconsin Psychiatric Institute and Clinics
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EDUCATION

Louisiana State University School of Medicine, New Orleans, LA

M.D., 08/2014 – 05/2018

- Including fourth-year elective 4-week subinternships at Stanford University Hospital, Massachusetts General Hospital, Johns Hopkins University Hospital, and University of Massachusetts Memorial Medical Center

Louisiana State University Health Sciences Center - Neuroscience Center of Excellence,
New Orleans, LA

Ph.D. in Neuroscience, 08/2005 – 05/2010

- Dissertation: “Distance-Dependent Differences in the Synaptic Properties of Layer V Neurons of the Rat Medial Entorhinal Cortex”

Universidad Nacional de Quilmes, Quilmes, Buenos Aires, Argentina

B.S. in Biotechnology and Molecular Genetics, 03/2000 – 07/2005

POSTGRADUATE TRAINING

University of Wisconsin-Madison - Department of Psychiatry, Madison, WI

Addiction Psychiatry Fellow, 07/2022 – 06/2023

Louisiana State University School of Medicine - Department of Psychiatry, New Orleans,
LA

Resident Physician in the LSU-Ochsner Adult Psychiatry Residency Program, 07/2018 –
06/2022

SUPPLEMENTAL PROFESSIONAL TRAINING

**New Orleans-Birmingham Psychoanalytic Center (NOBPC) Honorary Mentorship
Program**, New Orleans, LA

Mentee with Dr. Christopher Meyers, 07/2020 – 06/2021

- Met at least once per month to discuss psychoanalytic issues, concepts, individualized readings, and cases
- Participated in NOBPC outreach events and activities, gaining exposure to analytic ideas presented by locally as well as nationally recognized analytic thinkers

BOARD CERTIFICATIONS AND LICENSURES

American Board of Psychiatry and Neurology, Diplomate, 09/2022 – present
State of Wisconsin, Medicine and Surgery, 07/2022 – present
Drug Enforcement Administration, Buprenorphine Waiver, 01/2020 – present
Louisiana State Board of Medical Examiners, Physician & Surgeon, 07/2019 – 04/2023
Louisiana State Board of Medical Examiners, Internship/Residency, 07/2018 – 06/2019

PROFESSIONAL EXPERIENCE

Department of Psychiatry, University of Wisconsin-Madison, Madison, WI
Assistant Professor, Clinical Health Sciences (CHS) Track, 09/2023 – present

Center for Healthy Minds, University of Wisconsin-Madison, Madison, WI
Core Faculty, 09/2023 – present

RESEARCH EXPERIENCE

University of Wisconsin-Madison, Madison, WI
Addiction Psychiatry Fellow with Principal Investigators Dr. Richard Davidson (UW) and Dr. Timothy Juergens (VA), 07/2022 – 06/2023

- Developed an adaptation of the Center for Healthy Minds' Healthy Minds Program for veterans with moderate-severe opioid use disorder on buprenorphine maintenance treatment

Louisiana State University Health Sciences Center, New Orleans, LA
Neuroscience Graduate Research Assistant with Dr. Sonia Gasparini, 08/2005 – 05/2010

- Used electrophysiological and imaging techniques to characterize synaptic inputs received by layer V neurons of the medial entorhinal cortex of the rat
- Studied the ability of CA1 hippocampal pyramidal neurons to support rebound spikes mediated by hyperpolarization-activated inward current

University of Copenhagen, Copenhagen, Denmark
Immunology Graduate Research Assistant with Dr. Søren Skov, Fall 2005

- Used immunoblots, RT-PCR and flow cytometry to test for the presence of the cytosolic calcium-independent phospholipase iPLA₂ in activated T lymphocytes
- Studied the effect of blocking iPLA₂ on the susceptibility of cells to histone deacetylase inhibitor-mediated killing

Novo Nordisk, Måløv, Denmark
Cancer and Immunobiology Research Assistant with Dr. Nicolai Wagtmann, Spring 2004

- Learned to isolate and purify lymphocytes from human peripheral blood
- Used cell culture and labeling techniques, ELISPOT assays, and flow cytometry to help establish a non-radioactive *in vitro* assay to measure natural killer cell-mediated cytotoxicity

Universidad Nacional de Quilmes, Quilmes, Buenos Aires, Argentina

Neuroscience Research Assistant with Dr. Diego A. Golombek, Fall 2003

- Studied the circadian dependence of mice susceptibility to endotoxin-induced septic shock

Louisiana State University Health Sciences Center, New Orleans, LA

Neuroscience Research Assistant with Dr. Alberto E. Musto and Dr. Nicolás G. Bazán, Winter 2003

- Assisted in surgeries to implant osmotic-infusion minipumps for drug delivery as part of an experimental model of ischemic stroke in mice
- Monitored animal behavior, analyzed and helped interpret data in both a rapid kindling model of epilepsy and a sleep deprivation study in rats

LEADERSHIP AND SERVICE

American Academy of Addiction Psychiatry Early Career Committee

Reviewer for the Sheldon Miller Early Career Award Application Review Sub-Committee, Fall 2022, Fall 2023

Introduction to Mindfulness and Relaxation Techniques for Addictive Behaviors,

Odyssey House Louisiana, New Orleans, LA

Weekly Workshop Leader, March 2020 (suspended due to COVID-19 pandemic)

Adult Psychiatry Residency Program Wellness Committee, LSU School of Medicine

Department of Psychiatry, New Orleans, LA

Class Representative, 08/2018 – 05/2020

Non-Traditional student Advocacy Committee (NTAC), LSU School of Medicine, New Orleans, LA

Founding Member and Co-Chair, 08/2015 – 05/2016

Student Interest Group in Neurology and Neurosurgery (SIGNNS), LSU School of Medicine, New Orleans, LA

President, 08/2015 – 05/2016

LSU Student-Run Homeless Clinics, Ozanam Inn, New Orleans, LA

Volunteer, 08/2014 – 05/2018

HIV Rapid Test Administrator and Counselor, 08/2014 – 05/2018

LSU School of Medicine Camp Tiger, LSU School of Medicine, New Orleans, LA

Co-Counselor, Summer 2014 and Summer 2015

Hospital de Clínicas “José de San Martín”, Universidad de Buenos Aires, Buenos Aires, Argentina

Volunteer, 06/2011 – 01/2012

Shree Harisiddhi Secondary School, Sipali Chilaune, Nepal

English Teacher, 08/2010

PUBLICATIONS

Medinilla, V.; Johnson, O.L. and Gasparini, S. (2012). Features of Proximal and Distal Excitatory Synaptic Inputs to Layer V Neurons of the Rat Medial Entorhinal Cortex. *J Physiol* **591**, 169-183.

Ascoli, G.A.; Gasparini, S.; **Medinilla, V.** and Migliore, M. (2010). Local Control of Postinhibitory Rebound Spiking in CA1 Pyramidal Neuron Dendrites. *J Neurosci* **30**, 6434-6442.

PRESENTATIONS

Medinilla, V. and Bhatnagar, R. (2023). Addressing Barriers to Integrated Treatment for Individuals with Co-Occurring Mental Health and Substance Use Disorders in a Large Academic Center. Poster S52. American Academy of Addiction Psychiatry 34th Annual Meeting and Scientific Symposium, San Diego, CA.

Medinilla, V. and Bhatnagar, R. (2023). Addressing Barriers to Integrated Treatment for People with Co-Occurring Mental Health and Substance Use Disorders in a Large Academic Center. Poster 25 and Oral Presentation. NIDA Clinical Trials Network Annual Steering Committee Meeting, Bethesda, MD.

Gasparini, S.; **Medinilla, V.** and Johnson, O.L. (2012). Characterization of the excitatory synaptic inputs to layer V neurons of the rat medial entorhinal cortex. Federation of European Neuroscience Societies Meeting, Barcelona, Spain.

Johnson, O.L.; **Medinilla, V.** and Gasparini, S. (2011). Differential modulation of proximal and distal excitatory synaptic inputs to layer V neurons of the rat medial entorhinal cortex. Poster 656.05/C17. Society for Neuroscience Annual Meeting, Washington, DC.

Migliore, M.; Gasparini, S.; **Medinilla, V.** and Ascoli, G.A. (2010). Rebound spiking in CA1 pyramidal neuron dendrites can be locally modulated by the A-type K⁺ current. Poster 246.14/H37. Society for Neuroscience Annual Meeting, San Diego, CA.

Medinilla, V. and Gasparini, S. (2009). Synaptic properties of layer V neurons of the rat entorhinal cortex. Abstract 2. Annual Graduate Research Day, LSU Health Sciences Center, School of Graduate Studies, New Orleans, LA.

Medinilla, V. and Gasparini, S. (2009). Synaptic properties of layer V neurons of the rat entorhinal cortex. Poster 315.19/B87. Society for Neuroscience Annual Meeting, Chicago, IL.

Medinilla, V. and Gasparini, S. (2009). Synaptic and intrinsic dendritic features of entorhinal layer V neurons. Abstract 13. Annual Retreat of The Neuroscience Center of Excellence, LSU Health Sciences Center, New Orleans, LA.

Medinilla, V. and Gasparini, S. (2008). Synaptic and intrinsic dendritic features of entorhinal layer V neurons. Poster 36.1/F1. Society for Neuroscience Annual Meeting, Washington, DC.

Gasparini, S. and **Medinilla, V.** (2008). Dendritic integration in layer V neurons of the entorhinal cortex. Abstract 14. Annual Retreat of The Neuroscience Center of Excellence, LSU Health Sciences Center, New Orleans, LA.

Medinilla, V. and Gasparini, S. (2008). Synaptic properties of entorhinal cortex layer V principal neurons. Abstract 18. Annual Graduate Research Day, LSU Health Sciences Center, School of Graduate Studies, New Orleans, LA.

Gasparini, S. and **Medinilla, V.** (2007). Dendritic integration in layer V neurons of the entorhinal cortex. Poster 251.23/K10. Society for Neuroscience Annual Meeting, San Diego, CA.

Marcheselli, V.L.; Tian, X.H.; Musto, A.E.; Giménez, J.M.; **Medinilla, V.** and Bazán, N.G. (2003). Inhibition of Leukocyte Infiltration in Mouse Hippocampus and brain Cortex after Experimental Stroke Injury by a Novel Docosahexaenoic Acid Metabolite. Abstract 88. Annual Retreat of The Neuroscience Center of Excellence, LSU Health Sciences Center, New Orleans, LA.

Musto, A.E.; Kole, K.; **Medinilla, V.**; Santa Coloma, F.; Marcheselli, V.L. and Bazán, N.G. (2003). Afterdischarges in Rapid Kindling Model: Electrophysiological and Biochemical Approach. Abstract 70. Annual Retreat of The Neuroscience Center of Excellence, LSU Health Sciences Center, New Orleans, LA.

AWARDS AND SCHOLARSHIPS

Resident Award for Academic Excellence, Department of Psychiatry, University of Wisconsin-Madison, Madison, WI

For having demonstrated the strongest interest in scholarly activity, including involvement in a research project and publication of articles, 2022 – 2023

NIDA Mentor-Facilitated Training Award in Substance Use Disorders, supported by the National Institute on Drug Abuse (NIDA) and sponsored by the American Academy of Addiction Psychiatry (AAAP)

Providing up to one year of support (\$10,000) to disseminate evidence-based information on the topic of “Addressing Barriers to Integrated Treatment for People With Co-Occurring Mental Health and Substance Use Disorders in a Large Academic Center” with mentorship from Dr. Ritu Bhatnagar, Department of Psychiatry, University of Wisconsin-Madison, Madison, WI, January – December 2023

Underrepresented Minority Scholarship, American Academy of Addiction Psychiatry
Recipient of a \$1,200 award to attend AAAP’s 33rd Annual Meeting and Scientific Symposium in Naples, FL, December 2022

Outstanding Resident in Addiction Psychiatry, Department of Psychiatry, Louisiana State University School of Medicine, New Orleans, LA
In Recognition of Exceptional Dedication in The Field of Addiction Psychiatry, 2020 – 2021

Visiting Clinical Elective Diversity Scholarship, Department of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, MD
Subintern (4 weeks) in the Mood Disorders Inpatient Service at The Johns Hopkins Hospital with Drs. Karen Swartz and Fernando Goes, November 2017

Visiting Clerkship Program, Department of Psychiatry, Massachusetts General Hospital, Boston, MA
Exchange Clerk (4 weeks) in the Acute Psychiatric Service with Dr. Suzanne Bird, October 2017

- Sponsored by the Minority Faculty Development Program of the Harvard Medical School Office for Diversity Inclusion and Community Partnership in conjunction with the MGH Center for Diversity and Inclusion

PROFESSIONAL MEMBERSHIPS

Wisconsin Society of Addiction Medicine, 2023 – present
American Society of Addiction Medicine, 2023 – present
American College of Academic Addiction Medicine, 2022 – 2023
Wisconsin Psychiatric Association, 2022 – present
American Academy of Addiction Psychiatry, 2019 – present
Louisiana Psychiatric Medical Association, 2014 – 2022
American Psychiatric Association, 2014 – present
American Medical Association, 2014 – present
American Academy of Neurology, 2008 – 2018
Society for Neuroscience, 2006 – 2010

OTHER RELEVANT EXPERIENCE

SnowFlower Sangha, Madison, WI

Active member, 2022 – present

- A community that practices mindfulness and meditation in the tradition of Plum Village and Zen Master Thich Nhat Hanh

Mindfulness Community of Greater New Orleans (MCGNO), New Orleans, LA

Active member, 2015 – present

- A practice community in the tradition of Vietnamese Zen Master Thich Nhat Hanh, with activities including weekly mindfulness meditation practice, monthly Sangha Care Council meetings, quarterly Days of Mindfulness, and yearly retreats
- Daily home-based practice, including formal sitting meditation, informal practices, and yoga/mindful movements

- Formally received the Five Mindfulness Trainings, practices of compassion and understanding that represent the Buddhist vision for a global spirituality and ethic

Mindfulness-Based Stress Reduction 2 (MBSR 2), Mindfulness Center, Brown University
School of Public Health, online

Trainee, Spring 2021

- 8-week program facilitated by Éowyn Ahlstrom
- Weekly 2.5-hour group meetings and an all-day retreat (total of 30 contact hours), plus daily individual practice

Mindfulness-Based Stress Reduction (MBSR), Mindfulness Center, Brown University
School of Public Health, online

Trainee, Spring 2020

- 8-week program facilitated by Lynn Koerbel and Erin Woo
- Weekly 2.5-hour group meetings and an all-day retreat (total of 30 contact hours), plus daily individual practice

Vipassana Meditation, Dhamma Shringa, Budhanilkantha, Nepal

Participant, Fall 2010

- 10-day residential, silent retreat, with daily ~10 hours of meditation and daily videotaped lectures by the Teacher S. N. Goenka