

**CURRICULUM VITAE**  
**6/28/2025**

**WILLIAM L. CONTE, MD, MS**

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**EDUCATION/EXPERIENCE:**

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- Methodist Hospitals, Neuroscience Institute**  
**Comprehensive MS Center**  
*Neuroimmunologist* **Merrillville, IN**  
November 2017-present
- The University of Chicago, Dept. of Neurology**  
*Sylvia Lawry Multiple Sclerosis and Neuroimmunology Fellow* **Chicago, IL**  
July 2017-June 2019
- The University of Chicago, Dept. of Public Health Sciences**  
*MS in Public Health Sciences*  
*(Epidemiology and Biostatistics)* **Chicago, IL**  
July 2017-June 2019
- Thesis: Screening for dysphagia in multiple sclerosis
- Loyola University Medical Center, Dept. of Neurology**  
*Neurology Resident* **Maywood, IL**  
June 2013-June 2017
- Loyola University Chicago, Stritch School of Medicine**  
*MD* **Maywood, IL**  
July 2009-June 2013
- University of Florida**  
*BS* **Gainesville, FL**  
August 2005-May 2009
- *Summa cum Laude*
  - Major: Neurobiological Sciences
  - Minor: Music Literature and Theory

**RESEARCH:**

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- Methodist Hospitals** **Merrillville, IN**  
2017-present
- Research Topic: Antibody response of SARS-CoV-2 on various MS disease modifying therapies.
- PI:
- FREXALT (Sanofi)
  - FREVIVA (Sanofi)
  - PASSAGE (Novartis)
  - PERSEUS (Sanofi)
  - HERCULES (Sanofi)
  - REMODEL 2 (Novartis)
- The University of Chicago** **Chicago, IL**  
2017-2019
- Research Topic: Dysphagia in multiple sclerosis
- Using a questionnaire to improve screening for dysphagia in MS.
- Sub-investigator/rater:
- BIIB033 (Biogen Idec)
  - CHORDS (Genentech)
  - MEDI-551 (MedImmune)

- SA237 (Chugai)
- H.P. ACTHAR (Mallinckrodt Medical)
- CONSONANCE (Genentech)

**Loyola University Chicago, Department of Neuroscience**  
*Gwendolyn L. Kartje, M.D., Ph.D. (Hines VA)*

**Maywood, IL**  
 2010- 2011

Research Topic: Traumatic brain injury

- Evaluation of nogo-A protein expression in animal model of traumatic brain injury
- Effect of alcohol on recovery from traumatic brain injury

**University of Florida, Department of Physiological Sciences**  
*Roger Reep, Ph.D.*

**Gainesville, FL**  
 2005 to 2009

Research topic: Neuroanatomy

- Neural circuitry of hemispatial neglect and directed attention
- Neuroanatomical tracer methodologies
- Functional Neuroanatomy of the Florida Manatee

**University of Florida, Department of Neurosurgery and Department of Neuroscience**  
*Steven Lewis, M.D. and Gerald Shaw, Ph.D.*

2009

Research Topic: Brain injury model

- Identification and development of biomarkers for subarachnoid hemorrhage and brain injury

**University of Florida, Department of Neurosurgery**  
*Steven Roper, M.D.*

2008-2009

Research Topic: Epilepsy

- Implantation of adult human neural progenitors into an animal model of cortical dysplasia

**University of Florida, Department of Musicology**  
*Silvio dos Santos, Ph.D.*

2008-2009

Research topic: Neuromusicology

- Using neuroscience to explain a series of case studies in music history with an emphasis on the premieres of works by Schoenberg.

#### **ACADEMIC APPOINTMENTS:**

**Indiana University School of Medicine**  
*Adjunct Clinical Assistant Professor of Neurology*

**Bloomington, IN**  
 2021-present

#### **PUBLICATIONS:**

##### Peer- Reviewed Articles:

**WL Conte.** Rethinking shared decision-making in multiple sclerosis care: A critical examination. *MS and Related Disorders*, 98: 106417, 2025.

**WL Conte.** Addressing LGBTQ+ health equity and disparities in multiple sclerosis: A call for research and action. *Multiple Sclerosis Journal*, 30(8): 974-976, 2024.

**WL Conte, M Cascione, AB Sullivan.** Podcast on the challenges and recommendations to address unmet needs in MS for LGBTQ+ populations in the United States. *Neurology and Therapy*, 12: 1399-1407.

**WL Conte, L Golzarri-Arroyo.** Tixagevimab and Cilgavimab (Evusheld) boosts antibody levels to SARS-CoV-2 in patients with multiple sclerosis on b-cell depleters. *MS and Related Disorders*, 63: 103905, 2022.

**WL Conte.** B-cell depleters attenuate the humoral response to SARS-CoV-2 vaccines in multiple sclerosis patients: A case-control study. *MS and Related Disorders*, 57: 103413, 2021.

**WL Conte.** Attenuation of antibody response to SARS-CoV-2 infection in patients with multiple sclerosis on ocrelizumab: A case-control study. *MS and Related Disorders*, 52: 103014, 2021.

**WL Conte.** Attenuation of antibody response to SARS-CoV-2 in a patient on ocrelizumab with hypogammaglobulinemia. *MS and Related Disorders*, 44: 102315, 2020.

**WL Conte.** Chronic fatigue syndrome. In: RP Roos, editor-in-chief, *MedLink Neurology*, San Diego: MedLink Corporation, 2019.

**WL Conte, F El Ammar, A Movahedan, H Shah, J Nichols, A Javed.** Herpes simplex virus 2 meningoencephalitis-associated bilateral optic neuritis and radiculitis. *Neuro-Ophthalmology*, 44 (3): 190-192, 2019.

**WL Conte, N Arndt, VP Cipriani, A Dellaria, A Javed.** Reduction in ocrelizumab-induced infusion reactions by a modified premedication protocol. *MS and Related Disorders*, 27: 397-399, 2018.

**WL Conte, CE Gill, J Biller.** Top of the basilar syndrome presenting with convulsions. *JAMA Neurology*, 74 (2): 248-249, 2017.

**WL Conte, H Kamishina, RL Reep.** Multiple neuroanatomical tract-tracing using fluorescent Alexa Fluor conjugates of cholera toxin subunit B. *Nature Protocols*, 4, pages 1157-1166, 2009.

**WL Conte.** Understanding the reception of Schoenberg's music from a neuroscientist's perspective. *The Journal of Undergraduate Research*, 10, pages 1-9, 2009.

**WL Conte, H Kamishina, RL Reep.** The efficacy of the fluorescent conjugates of cholera toxin subunit B for multiple retrograde tract tracing in the central nervous system. *Brain Structure and Function*, 213, pages 367-373, 2009.

H Kamishina, **WL Conte**, SS Patel, JV Corwin, RL Reep. Cortical connections of the rat lateral posterior thalamic nucleus. *Brain Research*, 1264, pages 39-56, 2009.

**WL Conte, H Kamishina, JV Corwin, RL Reep.** Topography in the projections of lateral posterior thalamus to cingulate and medial agranular cortex in relation to circuitry for directed attention and neglect. *Brain Research*, 1240, pages 87-95, 2008.

#### Posters and abstracts:

**WL Conte, R Shin, P Repovic.** Engagement patterns of Floodlight MS, a smartphone-based tool for remote monitoring of disability progression. Poster presented at ECTRIMS Copenhagen, 2024.

**WL Conte.** Clinical efficacy and safety of tixagevimab and cilgavimab (Evusheld) on preventing COVID-19 in patients with multiple sclerosis on b-cell depleters. Poster presented at ACTRIMS San Diego, 2023.

**WL Conte, L Golzarri-Arroyo.** Tixagevimab and Cilgavimab (Evusheld) boosts antibody levels to SARS-CoV-2 in patients with multiple sclerosis on b-cell depleters. Poster presented at MENACTRIMS Cairo, 2022.

**WL Conte, L Golzarri-Arroyo.** Tixagevimab and Cilgavimab (Evusheld) boosts antibody levels to SARS-CoV-2 in patients with multiple sclerosis on b-cell depleters. Poster presented at ECTRIMS Amsterdam, 2022.

**WL Conte.** B-Cell depleters attenuate the humoral response to SARS-CoV-2 vaccines in multiple sclerosis patients: a case-control study. Poster presented at CMSC Orlando, 2021.

**WL Conte.** Ocrelizumab attenuates the humoral response to SARS-CoV-2 compared with other disease modifying therapies in multiple sclerosis: a case-control study. Poster presented at ECTRIMS Vienna, 2021.

**WL Conte.** Attenuation of antibody response to SARS-CoV-2 in a patient on ocrelizumab. Poster presented at ECTRIMS Virtual, 2020.

L Dresser, A Javed, **WL Conte.** Effects of ocrelizumab treatment on immunoglobulin levels in patients with multiple sclerosis: preliminary results of an ongoing, open label observational study. Poster presented at ACTRIMS, West Palm Beach, 2020.

**WL Conte,** S Patel, D Allen, AT Reder. Comparing the DYMUS dysphagia screening questionnaire with the video fluoroscopic swallow study in MS: a pilot study. Poster presented at ECTRIMS, Stockholm, 2019.

F El Ammar , **WL Conte,** A Movahedan, H Shah, J Nichols, A Javed. Herpes simplex virus (HSV)-2 meningoencephalitis-associated bilateral optic neuritis successfully treated with steroids and intravenous immunoglobulin. Poster presented at AAN, Philadelphia, 2019.

**WL Conte,** S Patel, D Allen, AT Reder. Validating the DYMUS dysphagia screening questionnaire with the video fluoroscopic swallow study. Poster presented at ACTRIMS, Dallas, 2019

**WL Conte,** N Arndt, VP Cipriani, A Dellaria, A Javed. Significant reduction in infusion-related reactions from ocrelizumab with a modified premedication protocol. Poster presented at ECTRIMS Congress, Berlin, 2018.

**WL Conte,** A Reder. Screening for dysphagia in multiple sclerosis. Poster presented at the 6<sup>th</sup> meeting of the national multiple sclerosis society Tykeson fellows conference on multiple sclerosis, Denver, 2017.

**WL Conte,** IC Vaagenes, GL Kartje. Effects of alcohol on Nogo-A expression after TBI. Poster presented at St. Albert's day symposium, Loyola University Chicago, Stritch School of Medicine, 2010.

RL Reep, **WL Conte,** JV Corwin. Driver and modulator inputs to the lateral posterior thalamic nucleus from medial agranular cortex and posterior parietal cortex in rats. Poster presented at Society for Neuroscience, 2009.

**WL Conte,** H Kamishina, RJ Tai, JV Corwin, RL Reep. Connections of the lateral posterior thalamic nucleus with cingulate and medial agranular cortex related to circuitry for directed attention. Poster presented at Society for Neuroscience, 2008.

**WL Conte,** RL Reep. Examining thalamocortical connections related to hemispatial neglect with double fluorescent retrograde tracers. Poster presented at HHMI undergraduate research symposium, 2008.

H Kamishina, GH Yurcisin, AR Serio, **WL Conte,** A Kamlang-Ek, SS Patel, JV Corwin, RL Reep. Connections of the lateral posterior nucleus related to directed attention and neglect in rats. Poster presented at Society for Neuroscience, 2006.

#### Presentations:

**WL Conte.** MS in LGBTQ+ populations. Presented at CMSC, Phoenix, 5/31/2025.

**WL Conte.** MS in LGBTQ+ populations. Presented at Rush University Department of Neurology Grand Rounds, Chicago, 3/18/2025.

**WL Conte.** MS in LGBTQ+ populations. Presented at CMSC, Nashville, 6/1/2024.

**WL Conte.** Multiple Sclerosis Care in the LGBTQI Individual. Presented at AAN, Boston, 4/24/2023.

**WL Conte.** Health Disparities and Minority Stress Model. Presented at AAN, Boston, 4/24/2023.

**WL Conte.** LGBTQ+ healthcare. Presented at CMSC, Washington, DC, 6/3/2022.

**WL Conte.** Multiple sclerosis: an overview. Presented at Midwestern University Physical Therapy School, 6/21/2018.

**WL Conte.** Dysphagia in neurologic disorders. Presented at neurology grand rounds, The University of Chicago, 4/22/2018.

**WL Conte.** Dysphagia in multiple sclerosis. Presented at neurology grand rounds, Loyola University Chicago, 6/9/2017.

**WL Conte.** Clinical pathological conference. Presented at neurology grand rounds, Loyola University Chicago, 3/18/2016.

**WL Conte.** CNS lymphoma. Presented at neurology grand rounds, Loyola University Chicago, 3/20/2015.

**WL Conte.** Understanding the reception of Schoenberg's music from a neuroscientist's perspective. Talk given at the Loyola University Chicago graduate student interdisciplinary research symposium, 2010.

**WL Conte.** Understanding the reception of Schoenberg's music from a neuroscientist's perspective. Talk given at the University of Florida Undergraduate Research Symposium, 2009.

#### **AWARDS AND GRANTS:**

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- National MS Society Health Equity Initiatives Continuing Education scholarship (2023, 2024)
- Partner in MS Care- National Multiple Sclerosis Society (2019-present)
- Recipient of the 2017-2019 Sylvia Lawry fellowship grant from the National Multiple Sclerosis Society
- Recipient of multiple MAGIS star awards from Loyola University Medical Center for excellence in patient care
- 2010 Student Training in Approaches to Research scholarship, Loyola University Chicago
- Recipient of the Howard Hughes Medical Institute *Science for Life Research Grant*
  - Recipient of four publication awards as part of this program
- Three-time recipient of the University of Florida *University Scholars* grant
  - 2007-2008: College of Veterinary Medicine
  - 2008-2009: College of Fine Arts
  - 2008-2009: College of Veterinary Medicine
- 2009 Hall of Fame recipient, University of Florida, College of Liberal Arts and Sciences

#### **NONPROFITS/BOARDS:**

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<b>Chicago MS Alliance</b> <i>President and Chair</i>	<b>Chicago, IL</b> 2024-present
<b>The Sumaira Foundation</b> <i>Board Member, Coalition for Health Equity</i>	<b>Boston, MA</b> 2023-present

#### **PROFESSIONAL ORGANIZATIONS:**

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<b>American Academy of Neurology</b> <i>Member</i>	<b>Minneapolis, MN</b> 2015-present
<b>GLMA: Health Professionals Advancing LGBTQ+ Equality</b> <i>Member</i>	<b>Washington, DC</b> 2025-present

#### **LICENSES AND CERTIFICATIONS:**

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Illinois license: 036142314 (2/1/2017-7/31/2026)  
Indiana license: 01079087A (8/16/2017-10/31/2025)

ABPN Neurology board certification (60651) 9/11/2017-present  
BLS (4/24/2017-present)

Expert Not Retained