

CURRICULUM VITAE

Date of Revision: July 29, 2020

Name: Norman S. Werdiger, MD, FAAN

Appointment: Clinical Associate Professor, Department of Neurology

Term: *Primary Appointment:* beginning July 1, 2005
Secondary Appointment: July 1, 2017 to June 30, 2022

School: Yale University School of Medicine

Education:

BS, 1973 State University of New York at Albany (Biology and Physics)
MD, 1977 Cornell University Medical College (Medicine)

Career/Academic Appointments:

06/1977-06/1978 Intern in Medicine, Jefferson University Hospital, Philadelphia, PA
07/1978-06/1979 Assistant Resident in Medicine, Jefferson University Hospital, Philadelphia, PA
07/1979-06/1982 Resident in Neurology, Duke University Medical Center, Durham, NC
07/1981-06/1982 Senior Assistant Resident in Medicine, Duke University Medical Center, Durham, NC
08/1982-07/1985 Private Practice of Adult General Neurology, Neurological Associates of New Haven, New Haven, CT
08/1982- 06/1994 Clinical Instructor in Neurology, Yale University School of Medicine, New Haven, CT
07/1985-12/1987 Staff Physician and Consultant in Neurology, Connecticut Hospice, Branford, CT
09/1986-11/2019 Solo Private Practice, Adult General Neurology, New Haven, CT
07/1994-06/2005 Clinical Assistant Professor of Neurology, Yale University School of Medicine, New Haven, CT
07/2005-present Clinical Associate Professor of Neurology, Yale University School of Medicine, New Haven, CT
08/1982-present Attending Physician and Consultant in Neurology, Yale-New Haven Hospital, New Haven, CT
07/2016-present Staff Neurologist, Yale Medicine Neurology Clinic, Yale University School of Medicine, New Haven, CT

Administrative Positions:

07/2003-present Assistant Chief of Neurology, Yale-New Haven Hospital, New Haven, CT

Board Certification:

1983 to present American Board of Psychiatry and Neurology (Neurology)

1978 US National Board of Medical Examiners

Professional Honors & Recognition:

National/Regional

2009-present Fellow, American Academy of Neurology
 2008-present Connecticut Magazine Top Doctors, Neurology
 2004-present Best Doctors in America, Neurology
 2004-present United Who's Who for Executives and Professionals
 2004-present The Consumer Research Council of America Guide to America's Top Physicians, Neurology
 2003-present Marquis Who's Who in Medicine and Healthcare, Neurology
 2002-present National Register's Who's Who in Executives and Professionals, Neurology
 2002 Connecticut Magazine Top Doctors for Woman, Neurology
 2001-present National Best Doctors in America, Neurology

University

1993-1994 Neurology Resident's Award for Outstanding Clinical Teaching, Yale University School of Medicine
 1974-1975 Hirschl Scholar for Excellence in Physiology, Cornell University Medical College
 1975-1976 Collins Foundation Award for the Promotion of Music and the Arts in Medicine, Cornell University Medical College
 1973 Signum Laudis National Academic Honors Society, State University of NY at Albany
 1972-1973 Beta Beta Beta, National Biology Honors Society, State University of NY at Albany

Clinical Trials History:

Agency: Biogen IDEC

Title: "Phase II, double blind, randomized, placebo controlled, multicenter, multiple dose study to assess the safety, tolerability, pharmacokinetics, and pharmacodynamics of BIIB037 in subjects with prodromal or mild Alzheimer's Disease"

PI: Christopher Van Dyck, MD, Yale Alzheimer's Disease Research Unit

Role: Subinvestigator

Percent Effort: 1%

Project Period: 2012-2019

Agency: Parexel International

Title: "Phase III, double blind, parallel group, multicenter, clinical trial to determine the long term safety and tolerability of Bapineuzumab in subject with Alzheimer's"

Disease who are apolipoprotein ϵ 4 noncarriers and participated in study 3313K1 30000-US”

PI: Christopher Van Dyck, MD, Yale Alzheimer’s Disease Research Unit
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2012-2019

Agency: Roche

Title: Phase II, randomized, double blind, placebo controlled, parallel group study to evaluate the efficacy of subcutaneous gantenerumab on cognition and function in prodromal Alzheimer’s Disease

PI: Christopher Van Dyck, MD, Yale Alzheimer’s Disease Research Unit
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2012-2019

Agency: Wyeth Pharmaceuticals, Inc

I.D.#:

Title: “Phase II, multicenter, 24 month, randomized, third party unblinded, placebo controlled, parallel group amyloid imaging positron emission tomography (PET) and safety trial of ACC-001 and QS-21 adjuvant in subjects with early Alzheimer’s Disease”

PI: Christopher Van Dyck, MD, Yale Alzheimer’s Disease Research Unit
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2011-2014

Agency: Pfizer, Inc

Title: “Phase II, double blind, randomized, placebo controlled, multicenter study evaluating the efficacy and safety of 18 months of treatment with PF-04494700 (TTP488) in participants with mild to moderate Alzheimers Disease”

PI: Christopher Van Dyck, MD, Yale Alzheimer’s Disease Research Unit
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2010-2013

Agency: Wyeth Pharmaceuticals, Inc

I.D.#: 12,478

Title: “Phase IIa, multicenter, randomized, third party unblinded trial of adjuvant-controlled, multiple ascending dose, safety, tolerability,

and immunogenicity trial of ACC-001 with QS-21 adjuvant in subjects with mild to moderate Alzheimers Disease”; IND 12,478

PI: Christopher Van Dyck, MD, , Yale Alzheimer’s Disease Research Unit
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2008-2011

Agency: Elan Pharmaceuticals)

Title: “Phase II, double blind, randomized, placebo controlled, multicenter, dose ranging, parallel group study to evaluate the safety and efficacy of oral ELND005 (AZD-103) in patients with mild to moderate Alzheimers Disease”

PI: Christopher Van Dyck, MD, , Yale Alzheimer’s Disease Research Unit
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2008-2011

Agency: University of Miami School of Medicine

Title: “Albumin in Acute Stroke Trial (ALIAS). A phase III randomized, multicenter clinical trial of high dose human albumin therapy for neuroprotection in acute ischemic stroke”

PI: Joseph Schindler, MD, Department of Neurology, Yale University School of Medicine
 Role: Co-investigator
 Percent Effort: 5
 Project Period: 2006-2009

Agency: Neurobiological Technologies

Title: “ASP-II A randomized, double blind, placebo controlled study of ancrod (Viprinex) in subjects beginning treatment within 6 hours of the onset of ischemic stroke”

PI: Joseph Schindler, MD, Department of Neurology, Yale University School of Medicine
 Role: Subinvestigator
 Percent Effort: 1%
 Project Period: 2006-2009

Professional Service:

Service for Professional Organizations

National Vaccine Injury Compensation Program

2019-present Neurological Consultant

Connecticut Medical Group

2008-2019 Chairman, Credentialing Committee

American Academy of Neurology

2010-2016 Member, Residency In-Service Training Examination (RITE) Advisory Committee

2010 Member, Education Subcommittee Annual Meeting Topic Workgroup

2009-2015 Member, Education Subcommittee

2009-2016 Leader, Education Subcommittee Test Your Knowledge Workgroup

2009-2015 Member, Fair Hearing Panel

2009-present Member, Stroke and Vascular Neurology Section

2009-present Member, Sports Neurology Section

2006-present Member, General Neurology Section

2006-2012 Member, General Neurology Section Executive Board

2006-2010 Chairman, General Neurology Section Education Committee

Connecticut Neurological Society

2011-2014 Vice-President

2003-2014 Board of Directors

Meeting Planning/ Participation

2014 AAN National Meeting: Co-chair Scientific Program Session on General Neurology II

2011 The 5th Annual Lawrence M. Brass Stroke Symposium: Controversies in Stroke, Program Advisory Committee and Presenter, Yale University School of Medicine, Department of Neurology

1999 Symposium on Alzheimer's Dementia, Panel Member, Yale University School of Medicine and the Adler Geriatric Assessment Center of Yale-New Haven Hospital

Yale University Service:***Departmental Committees***

2020 Member, Department of Neurology Committee for Diversity and Inclusion

2012-present Member, Neurology Residency Clinical Competency Committee

2003-2013 Member, 3rd Year Clinical Neurosciences Medical Student Clinical Clerkship Committee

2003-2013 Director of the Neurosciences Clinical Skills Tutorial for 3rd Year Medical Students

2005-2011 Chairman of the Department of Neurology Voluntary Faculty Committee

Hospital Boards & Committees

2006-present	Member, Residency Program Grievance Panel, Yale-New Haven Hospital
2006-2012	Member, Medical Board, Yale-New Haven Hospital
2006-2012	Member, Medical Board Administrative Committee, Yale-New Haven Hospital
2009-2010	Member, Ad Hoc Brain Death Committee, Yale New-Haven Hospital
2007	Member, Emergency Services Committee, Yale-New Haven, Hospital
2007	Member Ad Hoc Percutaneous Cerebral Angioplasty Credentialing Committee, Yale-New Haven Hospital
2006-2010	Member, Cerebrovascular Service Administrative Committee, Yale-New Haven Hospital
2006-2007 New	Member, Ad Hoc Neurosciences Service Line Committee, Yale-Haven Hospital
2005-2006	Member, Ad Hoc Emergency Medicine Services Committee, Yale-New Haven Hospital
2000	Member, Ad Hoc Stroke Clinical Pathways Committee, Yale-New Haven Hospital

Public Service

1982-1983	Consultant in Neurologic Disorders, Columbus House Homeless Shelter, New Haven, CT
1982-1983	Consultant in Neurologic Disorders, Connecticut Public Television, Fairfield, CT

Editorial Positions:

2007-2016	Editor, Test Your Knowledge Online Learning Section, American Academy of Neurology
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Reviewer:

2007-present	<i>American Academy of Neurology Evidence Based Guidelines for Clinicians</i> (Reports of the Quality Standards Subcommittee of the AAN)
2009	Blumenfeld H. 2009. <i>Neuroanatomy through Clinical Cases</i> , 2 nd Ed. Sinauer Associates Inc, Sunderland, MA
2019	Blumenfeld H. <i>Neuroanatomy through Clinical Cases</i> , 3 rd Ed. Sinauer Associates Inc, Sunderland, MA
2003	<i>Neurology: Appleton and Lange Specialty Board Review Book</i> , McGraw Hill, New York, NY.

BIBLIOGRAPHY:

Peer-Reviewed Original Research

1. Caldwell C, Werdiger N, Jakab S, Schilsky M, Arvelakis A, Kulkarni S, Emri S. Use of Model for End-Stage Liver Disease Exception Points for Early Liver Transplantation and Successful Reversal of Hepatic Myelopathy with a Review of the Literature. *Liver Transplantation* 2010;16:818-826.
2. Lever N, Nystrom K, Schindler J, Wira C, Halliday J, Werdiger N, Funk M. Missed Opportunities for Recognition of Ischemic Stroke in the Emergency Department. *2011 International Stroke Conference Abstracts*

Educational Materials

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| 2007-2016 | Editor and Question author for <i>Test Your Knowledge</i> , an <u>Online Learning</u> program for the <u>American Academy of Neurology</u> |
| 2004, 2009 | Werdiger, N. Neurosciences Clinical Skills Tutorial Syllabus for 3 rd Year Yale Medical Students in the <u>Yale Neurosciences Clerkship Manual</u> |
| 2004, 2009 | Werdiger, N. Guidelines for Morning Report in the <u>Yale Department of Neurology Resident's Manual</u> |
| 1995-2005 | Werdiger, N. Neurology in the Primary Care Setting in the <u>Yale University School of Medicine Primary Care Clerkship Syllabus</u> |
| 2004 | Werdiger, N. Office Headache Evaluation and Treatment Guideline, with a Headache Assessment Tool, prepared for the <u>Community Medical Group Continuing Medical Education Program</u> |

Invited Editorials and Commentaries

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| 2006 | Carotid artery stenting with protection study, an elicited commentary. <u>Yale-New Haven Hospital "He@lthLink"</u> publication |
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Teaching and Mentoring Activities

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| 1992-present | Supervising Attending for the Yale Neurology General Resident's Clinic |
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2014 Lecturer: Advanced Imaging for Headache, New Haven County Medical Group Forum on Cost Effective Decision Making in the Outpatient Setting

2006-2013 Yale Neurology Resident's Noon Conference Lecturer

2004-2014 Mentor for the Yale University Undergraduate Neurosciences Program

2003-present Preceptor for Yale Neurology Resident's Morning Report

2003-2015 Preceptor for the Yale University School of Medicine 3rd Year Neurosciences Clinical Clerkship

2003-2004 Thesis advisor for Master of Science degree candidate, "Examination of Factors that Influence Knowledge of and Reporting of Head Injuries in College Football", University of New Haven

1999-2014 Mentor for the Yale Medical Student Interest Group in Neurology

1999-2006 Mentor for the Yale Neurology Resident's Trinity Mentoring Program

1995-2009 Workshop Leader for the Yale University School of Medicine 4th Year Primary Care Clerkship (Neurology in the Primary Care Setting)

1985-1993 Supervising Attending for the Yale Neurology Resident rotation at Gaylord Rehabilitation Hospital

1982-1985 Supervising Attending in Neurology for the Pediatric Resident's Clinic at the Hospital of St. Raphael

A handwritten signature in black ink, appearing to read "N. Werdiger". The signature is fluid and cursive, with a long horizontal stroke extending to the right from the bottom of the name.

Norman S Werdiger, MD