CURRICULUM VITAE SUSAN L. SCARBERRY, MD May 31, 2015

PERSONAL DATA:

Business Address: Sanford Neuroscience Clinic

700 1st Avenue South Fargo, ND 58103 (701) 234-4036 (800) 437-4010

FIELD OF INTEREST:

Adult Neurology

Clinical Electromyography and Neuromuscular Disease

Multiple Sclerosis: Medical Director of the Sanford Health Multiple Sclerosis Center

ALS

BOARD CERTIFICATION:

American Board of Psychiatry and Neurology, June 1995, Certificate No. 41599. Recertification 2005-2015

American Board of Electrodiagnostic Medicine, April 12, 1997 Certificate No. 2313 Recertification 2008-2017

American Board of Psychiatry and Neurology, Diplomate in neuromuscular medicine, August 2011, Certificate No. 142480

The Consortium of Multiple Sclerosis Centers, Multiple Sclerosis Certified Specialist, February 2009

EDUCATION:

Electromyography and Neuromuscular Fellowship Case Western Reserve University University Hospitals of Cleveland, Cleveland Ohio July 1993 - June 1994

Neurology Residency Case Western Reserve University University Hospitals of Cleveland, Cleveland, Ohio July 1990 - June 1993 Chief Resident - July 1992 - June 1993

Internal Medicine Internship

Medical College of Ohio, Toledo, Ohio July 1989 - June 1990

Doctor of Medicine Medical College of Ohio, Toledo, Ohio July 1985 - June 1989

Medical Technologist Fairview General Hospital, Cleveland, Ohio June 1984

Bachelor of Arts Miami University, Oxford, Ohio May 1983

MEMBERSHIP/OFFICES:

Medical Director, Sanford Health Multiple Sclerosis Center 2001 to present Medical Director, Sanford Health ALS Clinic, 2009-2011

Clinical Associate Professor, Division of Neurology, Department of Neuroscience University of North Dakota, School of Medicine and Health Sciences

North Dakota Medical Association 2001- present

Dakota Chapter Board Member, National Multiple Sclerosis Society, 2001-2006

Mid Central States Chapter, Clinical Advisory Committee, National Multiple Sclerosis Society, 2006 - present

Member of the Consortium of Multiple Sclerosis Centers

Fellow, American Association of Neuromuscular and Electrodiagnostic Medicine

Active, American Academy of Neurology

Louisiana State Medical Association 1994 - 2001

East Baton Rouge Parish Medical Society

Medico Legal Committee, 1999 – 2001

RESEARCH EXPERIENCE:

1988 Research Technician/Student Independent Study Clerkship Henry Ford Hospital, Detroit, MI "Enhancement of Brain Lesions in MRI Imaging of Stroke Patients" Advisor: Joe Windham, Ph.D.

1998 MSTRAC: A Registry of Multiple Sclerosis Treatment and Care

2002 "A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Multicenter

- Study to Determine the Safety and Efficacy of Natalizumab in Subjects with Relapsing-Remitting MS", Principle Investigator for MeritCare Multiple Sclerosis Center. Principal Site Investigator and Treating Neurologist.
- **2002** "A Double-Blind, Randomized, Placebo-Controlled, Parallel Group, Safety Study of Natalizumab in Combination with Glatiramer Acetate in Subjects with Relapsing-Remitting Multiple Sclerosis" Principal Site Investigator and Treating Neurologist.
- **2002** "An Open-label, Multicenter Extension Study to Evaluate the Safety and Tolerability of Natalizumab in Subjects with Multiple Sclerosis Who Have Completed Studies C-1801, C-1802, or C-1803" Principal Site Investigator and Treating Neurologist.
- **2004** "A Multi-Center, Double-Blind, Randomized Study Comparing the Combined Use of Interferon Beta-1a and Glatiramer Acetate to Either Agent Alone in Patients with Relapsing Remitting Multiple Sclerosis" Principal Site Investigator and Treating Neurologist.
- **2005** "Genetech Hermes U2787G Protocol: A Phase II, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multicenter Study To Evaluate The Safety and Efficacy Of Rituximab In Adults With Relapsing-Remitting Multiple Sclerosis. Principal Site Investigator and Treating Neurologist.
- **2006** "Preventing Neutralizing Antibody Formation in Multiple Sclerosis Patients Treated with Subcutaneous Interferon Beta-1a (Rebif)" Principal Site Investigator
- 2006 "GA9016/FORTE: A Multinational, Multicenter, Randomized, Parallel-Group, double-Blind Study to Compare the Efficacy, Tolerability, and Safety of Glatiramer Acetate injection 40 mg/ml to that of Glatiramer Acetate injection 20 mg/ml Administered Once Daily by Subcutaneous Injection in Subjects with Relapsing Remitting (R-R) Multiple Sclerosis (MS)". Principal Site Investigator
- **2006** "A Randomized, Double-Blind, Placebo-Controlled, Dose-Titration Study to Assess the Safety, Tolerability, and Efficacy Of C105 in Persons with Multiple Sclerosis with Cognitive Impairment". Principal Site Investigator
- **2007** "Tysabri Global Observational Program in Safety", Protocol TYGRIS 101MS402. Principal Site Investigator
- **2007** "A Multinational, Multicenter, Randomized, Double-blind, Parallel-group, Placebo-controlled Study, to Evaluate the Safety, Tolerability and Efficacy of Daily Oral Administration of Laquinimod 0.6 mg in Subjects with Relapsing Remitting Multiple Sclerosis (RRMS)", Protocol No: MS-LAQ-301. Principal Site Investigator
- **2008** "A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multi-Center Clinical Trial of Oral Clabribine in Subjects with a First Clinical Event at High Risk of Converting to MS", Protocol No: 28821. Principal Site Investigator

- **2008** "A 14-Week, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy, Safety and Tolerability of Nerispirdine 50 mg, 100 mg and 200 mg in Patients with Multiple Sclerosis", Protocol No: DRI10566. Principal Site Investigator
- **2009** "Clinical Characteristics of Late-onset Demyelinating Disease" Emiru, Tenbit M.D. PhD, Carpenter, Adam M.D, Scarberry, Susan M.D, Luzzio, Chris M.D, Freeman, Jerome M.D, Parry, Gareth M.D
- **2009** "A Multinational, Multicenter, Open-label, Single-assignment Extension of the MS-LAQ-301 (ALLEGRO) Study, to Evaluate the Long-term Safety, Tolerability, and Effect on Disease Course of Daily Oral Laquinimod 0.6 mg in Subjects with Relapsing Multiple Sclerosis", Protocol No: MS-LAQ-301E. Principal Site Investigator.
- **2010** "JCV Antibody Program in Patients with Relapsing Multiple Sclerosis STRATIFY 2", Biogen Idec Protocol No: 101JC402. Principal Site Investigator
- **2013** "TRANSITION: A 2 year Observational Study to Evaluate the Safety Profile of Fingolimod in Patients with Multiple Sclerosis who Switch from Natalizumab to Fingolimod", Protocol No: CFTY720D2405. Principal Site Investigator
- **2013** "A Multicenter, Open-Label, Single-Arm Study of Gastrointestinal Tolerability in Relapsing-Remitting Multiple Sclerosis Patients Receiving Oral BG00012 (dimethyl fumarate)", Protocol No: MANAGE 109MS403 Optuminsight RRMS. Principal Site Investigator
- **2014** "Treatment of Progressive Forms of Multiple Sclerosis with Pulsed ACTH (Acthar Gel)", Protocol No: ACTH-20712. Principal Site Investigator

PUBLICATIONS:

- Roohani P, Emiru T, Carpenter A, Luzzio C, Freeman J, Scarberry S, Beaver G, Davidson L, Parry G: Late onset multiple sclerosis: Is it really late onset? <u>Multiple Sclerosis and Related Disorders</u> 2014; in press, http://dx.doi.org/10.1016/j.msard.2014.02.004
- Katirji B, Wilbourne A, Scarberry S, Preston D: Intrapartum Maternal Lumbosacral Plexopathy. Muscle and Nerve 2002;26:340-347.
- Scarberry S, Katirji B: Electrophysiologic Findings in Intrapartum Lumbosacral Plexopathy. Neurology 1994;44 (suppl 2):159.Abstract.
- Katirji B, Scarberry S, and Westbrook EL.: Precipitous Segmental Denervation in Cervical Syrinx. Muscle and Nerve, 1994;17:9:1108-09.

Contributing author of: Learner A, <u>The Little Black Book of Neurology</u>. Third ed. St. Louis, Mosby Year Book, 1994.

STAFF APPOINTMENTS:

Sanford Health System	2010- present
Clinical Associate Professor University of North Dakota	2002- present
Meritcare Health System	2001- 2010
Our Lady of the Lake Regional Medical Center	1994- 2001
Baton Rouge General Medical Center - Bluebonnet	1994-2001
Baton Rouge General Medical Center - Mid-City	1994- 2001