Alexandra L. Goodyear

Stanford University School of Medicine
300 Pasteur Dr. Rm A343
Stanford, CA 94305
agoody01@stanford.edu

EDUCATION AND TRAINING

2011-2013	**Stanford University School of Medicine, Department of Health Research and Policy** Master of Science Graduate Program in Epidemiology Fields of study: Design and conduct of clinical trials, Biostatistics	**Palo Alto, CA**
2011-2013	**Stanford University School of Medicine, Neuroimmunology Program** Sylvia Lawry Physician Fellow in Clinical Trials	**Palo Alto, CA**
2008-2011 2010-2011	**Stanford University School of Medicine, Department of Neurology** Chief Resident in Neurology	**Palo Alto, CA**
2007-2008	**Stanford University Hospital and Clinics** Intern in Internal Medicine	**Palo Alto, CA**
2003-2007	**Tufts University School of Medicine** Doctor of Medicine	**Boston, MA**
2002-present	**The Fletcher School of Law and Diplomacy, Tufts University** Candidate for Master of Arts in Law and Diplomacy Joint degree with Tufts University School of Medicine Fields of study: Humanitarian Assistance, International Negotiation and Conflict Resolution	**Medford, MA**
1995-1999	**Brown University** Bachelor of Science in Biology	**Providence, RI**
1997-1998	**University of New South Wales**	**Sydney, Australia**

EMPLOYMENT

2013-present	**Stanford University School of Medicine, Department of Neurology** *Clinical Assistant Professor, MS Center* *Medical Director of Neurosciences Clinical Trials Group*	**Palo Alto, CA**
1999-2001	**Peace Corps** *Health Extension Volunteer*	**Guia, Senegal**
1997-1998	**Fathom Diving** *PADI Open Water Scuba Instructor*	**Sydney, Australia**

LICENSING

2011	Cerification in Neurology, No. 56911	**American Board of Psychiatry & Neurology**
2011	Certification in Human Subjects Research Protections	**Collaborative Institutional Training Initiative**
2011	Level 1 Certification in 3T MRI Safety and Operating Procedures	**Stanford Center for Cognitive and Neurobiological Imaging**
2009	California Physician and Surgeon License No. A108566	**The Medical Board of California**

GRANTS, HONORS AND AWARDS

2012-2014	SPARK Translational Science Research Grant (http://sparkmed.stanford.edu/)	**Stanford University**
2011-2013	Sylvia Lawry Clinical Trials Fellowship	**National Multiple Sclerosis Society**
2011	American Academy of Neurology's 2011 Annual Meeting Resident Scholarship recipient	**AAN**
2005-6	Honors in Medicine, Pediatrics, Psychiatry, Obstetrics and Gynecology	**Tufts University**
2005	Honors in Physical Diagnosis II	**Tufts University**
2003	Honors in Patient Interviewing and the Doctor Patient Relationship	**Tufts University**
1999	Elected to Sigma Xi, Scientific Research Society	**Brown University**

CLINICAL TRIAL AND TRANSLATIONAL RESEARCH PARTICIPATION

Principal Investigator

- *Alpha1-Antitrypsin: A novel treatment to mitigate Neuromyelitis Optica attacks;* Stanford Protocol ID: 27176 – in preparation.

- *Functional and Structural Connectivity of Cognitive Networks in Multiple Sclerosis;* Stanford Protocol ID: 25289 – active.
- *Biomarkers Study in Multiple Sclerosis: Vitamin D study protocol;* Stanford Protocol ID: 25289 – active.
- *Brain MRI Abnormalities in Neuromyelitis Optica*; Stanford Protocol ID: 25247 – active.

Site Principal Investigator

- *A Double-Blind, Placebo-Controlled, Single Ascending Intravenous Infusion Study of rHIgM22 in Patients with Multiple Sclerosis*; Stanford Protocol ID: 27047 – in preparation.
- *A multicenter, randomized, double-blind, parallel-group, placebo-controlled variable treatment duration study evaluating the efficacy and safety of Siponimod (BAF312) in patients with secondary progressive multiple sclerosis*; Stanford Protocol ID: 26166 – in preparation.
- *A randomized controlled trial of vitamin D in multiple sclerosis*; Stanford Protocol ID: 25078 – active.
- *Immunogenetics Studies in Multiple Sclerosis: Vitamin D Trial Protocol*; Stanford Protocol ID: 25223 – active.

Sub-Investigator

- *7T MRI Characterization of Multiple Sclerosis and Demyelinating Diseases*; Stanford Protocol ID: 23005 – active.
- *A Randomized, Double-blind, Double-dummy, Parallel-group Study to Evaluate the Efficacy and Safety of Ocrelizumab in Comparison to Interferon Beta-1a (Rebif) in Patients with Relapsing Multiple Sclerosis (WA21093)*; Stanford Protocol ID: 22255 – active, closed to enrollment.
- *Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-group, Dose-finding Study to Evaluate the Efficacy, Safety and Tolerability of Three Doses of ACT-128800, an Oral S1P1 Receptor Agonist, Administered for Twenty-four Weeks in Patients with Relapsing-remitting Multiple Sclerosis*; Stanford Protocol ID: 17476 – active, closed to enrollment.
- *A Phase III Randomized, Rater and Dose Blinded Study Comparing Two Annual Cycles of Intravenous Alemtuzumab to Three Times weekly Subcutaneous Interferon Beta-1a in Patients with Relapsing Remitting Multiple Sclerosis who have Relapsed on Therapy*; Protocol CAMMS32400597; Sponsor Genzyme Corporation; Cambridge, MA; Stanford Protocol ID: 16988 – active, closed to enrollment.
- *Blood and CSF Repository to Identify Biomarkers in Multiple Sclerosis*; Stanford Protocol ID: 16691 – active.
- *Blood Repository to identify biomarkers in Multiple Sclerosis and Neuromyelitis Optica*; Stanford Protocol ID: 26196 – active.

PUBLICATIONS

Herges K, de Jong BA, Kolkowitz I, Dunn C, Mandelbaum G, Ko RM, Maini A, Han MH, Killestein J, Polman C, Goodyear AL, Dunn J,Steinman L, Axtell RC. Protective effect of an elastase inhibitor in a neuromyelitis optica-like disease driven by a peptide of myelin oligodendroglial glycoprotein. Mult Scler. 2012 Apr;18(4):398-408.

Schubert R, Goodyear A, Abraham P, Dunn C, Weiskopf K, Han M, Steinman L, Dunn J, Axtell R. Transitional B cells are a signature of interferon-β treatment in MS. AAN, 2013 Mar: poster.

PRESENTATIONS AND EXTRACURRICULAR ACTIVITIES

2013	Presentation, National MS Society California Research Forum	**Los Angeles, CA**
2012	Stanford Center for Clinical and Translational Education and Research Intensive Course in Clinical Research: Study Design and Performance	**Stanford, CA**
2012	Stanford Faculty Development Center: Teaching Workshop	**Stanford,CA**
2011	Neurology Grand Rounds at Santa Clara Valley Medical Center	**SCVMC**
2011	Represented Stanford Neuroimmunology Department at NMSS Northern California Chapter meeting	**NMSS**
2011	Trained in SAS programming (*Statistical Analysis System*, SAS Institute Inc.) and database design	**Stanford, CA**
2011-present	Lead quarterly Community Neurologists' Difficult Case Conference	**Stanford, CA**
2010-2011	Participant of the following: • Education Committee • Resident Program Evaluation Committee • Professional Practice Evaluation Committee • QI Subcommittee on Resident Sign-Out • Unit Based Medical Director Committee	**Stanford, CA**
2008	Stanford Certificate in International Health	**Stanford, CA**
2006-2007	Section Leader, Patient Interviewing and the Doctor-Patient Relationship	**Boston, MA**
2004-2005	Medical Education Representative Committee, Infectious Diseases and Reproductive Pathophysiology	**Boston, MA**
2003-2004	Co-chair Global Health Interest Group	**Boston, MA**
2003	Sharewood Health Clinic, HIV/AIDS Counselor	**Boston, MA**
2002	Mediation Works Inc. certified Mediator with experience in small claims district court.	**Boston, MA**
1999	CHP International trained Adult Educator.	**Senegal**
1998-1999	Providence Science Outreach, Science teacher for Middle Schools in under-served areas.	**Providence, RI**
1998	Shark Research Institute, Volunteer Conservationist.	**Seychelle Islands**
1996-1999	Sexual Assault Peer Education (SAPE)	**Providence, RI**

Summer 1996 Broadreach, *Project Leader* **Leeward Islands, Caribbean**

Languages French (Advanced), Pulaar (conversant).

MEMBERSHIPS

2012-present Multiple Sclerosis Chapter, American Academy of Neurology
2011-present National Multiple Sclerosis Society
2008-present American Academy of Neurology
2003-2008 American Medical Association, Massachusetts Medical Society
1999-2009 Sigma Xi Science Society