

2015 ANNUAL REPORT

FROM THE FOUNDERS...

The Guthy-Jackson Charitable Foundation is dedicated to funding research in the quest to understand the pathophysiology and biochemistry of Neuromyelitis Optica (NMO) Spectrum Disorder (NMO/SD). Our Foundation is passionate in its support of programs and opportunities aimed at elevating the clinical paradigm for NMO patients and improving options for treatment, prevention, and an eventual cure for this disease.

We are committed to growing our online community for all NMO stakeholders, and to serving as a hub of leading-edge information resources as well as a gateway for all who seek to learn more. In our global outreach, we will continue to steward even more effective connections among academia, healthcare, industry and regulatory partnerships. By reducing barriers to cooperation, our mission is to bring breakthroughs from bench to bedside.

Fully aware that every moment makes a difference in the lives of those diagnosed with NMO, we are patient-centered and science-driven. With such innovations

as our own bio-specimen collection network and repository, we dedicate ourselves to widening our outreach by continuing to grow the number of sites where patients can donate blood and clinical data vital for research. On a worldwide basis, we will continue to identify proof-of-concept clinical studies that lead to industry-sponsored clinical trials for promising NMO drugs. Our Foundation does not endorse, sponsor, or conduct these trials. Nor do we opt to participate in any monetary benefit from patents arising out of research we have funded; our grantees—individuals and institutions—retain full ownership of their intellectual property.

We recognize that our findings may serve as a model for helping address the global epidemic of autoimmune diseases and are resolute in developing improved communication tools that share our story of hope and urgency. And as we position ourselves at the nexus of brave new breakthroughs in medicine, genetics, and bio-technology, we remain steadfast in our own investment of heartfelt resources nearly \$40 million. We likewise welcome the interest and support of new and allied stakeholders. The Guthy-Jackson Charitable Foundation devotes 100 percent of all funding gifts to basic research centers.

“Every moment makes a difference in the lives of those diagnosed with NMO”

- WITH LOVE AND HOPE,
VICTORIA JACKSON & BILL GUTHY
FOUNDERS



8TH ANNUAL NMO ROUNDTABLE CONFERENCE



2015

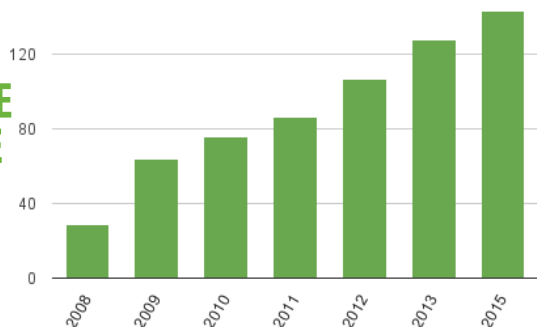
8th Annual NMO Roundtable Conference
March 2 - 3, 2015 • Los Angeles, CA

The Guthy – Jackson Charitable Foundation's 2015 NMO Roundtable Conference was the foundation's seventh and largest scientific event.

The goals of the NMO Roundtable Conference were to:

1. Learn about recent scientific and/or clinical advances in NMO research.
2. Reconvene the “best of the best” in neurodegenerative disease research for the purpose of continued information sharing and facilitating further strategic partnering for NMO research.
3. Align pharmaceutical, clinical and scientific strategies toward potential NMO drug discovery, and/or drug repurposing and/or clinical trials.

ROUNDTABLE CONFERENCE ATTENDEES

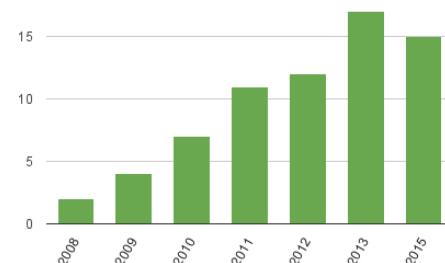


2008

NMO Roundtable
Conference



ROUNDTABLE CONFERENCE COUNTRIES



I WANT TO THANK YOU AND CONGRATULATE YOU FOR THE LAST MEETING. IT WAS ABSOLUTELY GREAT TO MEET ALL OF YOU AND BE PART OF THIS EXCITING CONFERENCE AND PROJECTS. ONE COULD REALLY SEE HOW THINGS ARE EVOLVING.

— INGO KLEITER



NMO PATIENT DAY

NMO Patient Day
March 4, 2015
Los Angeles, CA

The Guthy – Jackson Charitable Foundation’s 2015 NMO Patient Day was the foundation’s sixth event held in Los Angeles, CA, to inform the patient community about the latest research developments and clinical advancements in NMO. The event’s theme was, “MARCHing 4th to Cure NMO,” reflecting the foundation’s momentum facilitating clinical, scientific and industry progress in NMO.

NMO Patient Day invited members of the public who live with NMO to engage in dialogues with leading NMO scientists, clinicians, pharmaceutical delegates, and other NMO community members from all over the world. Public attendees consisted of NMO patients, caregivers, family, friends, celebrities and press.

NMO Patient Day featured welcome messages from Founder Victoria Jackson and her daughter Ali Guthy. Also featured were research accomplishments for 2014, clinical, scientific and industry question-and-answer panel discussions, and eight breakout sessions.

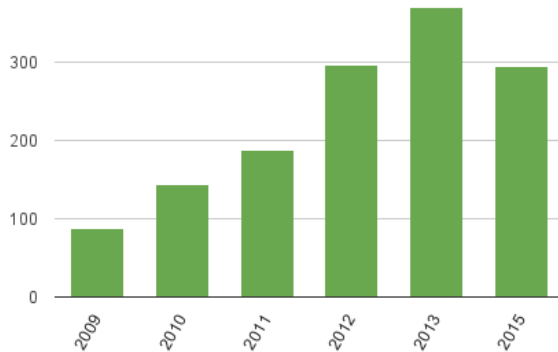
Extra-curricular activities included a makeover session donated by Victoria Jackson Cosmetics, sunrise and evening Yoga sessions, and the NMO shop.



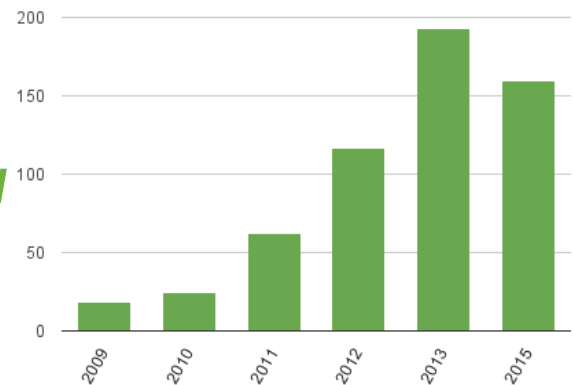
I AM SO THANKFUL FOR THE GUTHY-JACKSON CHARITABLE FOUNDATION, VICTORIA JACKSON, ALI GUTHY, BILL GUTHY AND ALL THE INCREDIBLE NEUROLOGISTS, PHYSICIANS, RESEARCHERS, AND SCIENTISTS WHO HAVE WORKED SO HARD TO GIVE MYSELF AND ALL THOSE WITH NEUROMYELITIS OPTICA AND THEIR CAREGIVERS OUR NMO PATIENT DAY.

– MICHELLE DEAN

NMO PATIENT DAY ATTENDEES



NMO PATIENT DAY BLOOD DRAW SAMPLES



2015 Patient Day
Group Photo



2015 DONOR LIST

\$10,000 and up

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Kathy and Ed
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Marlene Moyer
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Stephanie Kelly
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Susan Goble
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Susan Vitale
Susanna Bitters
Suzanne Priebatsch
Tammy and Mark Roussel
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Tiffany Blomgren
Tiffany McCall
Tony or Mary Taylor
Treg Balding
Tricia Balser
Trudy Jacobson
United Way San Diego County
United Way Vienna, VA
Vered Asta
Wendy Wald
William Hawke

RESEARCH RECAP

FUNDING PARTNERSHIPS

Brigham and Women's
Hospital, Harvard
Tanuja Chitnis, M.D.
Vijay Kuchroo, DVM, Ph.D.

Duke University
Thomas Tedder, Ph.D.

Mount Sinai
Ilana Katz Sand, M.D.

New York University
Ilya Kister, M.D.

Oxford University
Jacqueline Palace, M.D.

St. George's University, London
Marios Papadopoulos, M.D.

Stanford University
Lawrence Steinman, M.D.

University of California,
San Francisco
Alan Verkman, M.D., Ph.D.
Scott Zamvil, M.D., Ph.D.

University of Colorado, Denver
Jeffrey Bennett, M.D., Ph.D.

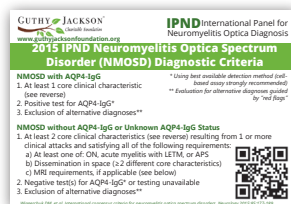
UT Southwestern
Benjamin Greenberg, M.D.

Yale University
Kevin O'Connor, Ph.D.

QUICK STATS **15** TOTAL PROJECTS (6 NEW IN 2015) | **13** FUNDED INSTITUTIONS | **15** PRINCIPAL INVESTIGATORS

2015 Updated Diagnostic Criteria

The 2015 consensus diagnostic criteria for NMO apply the latest scientific and medical insights into adult and pediatric disease, imaging, laboratory tests, and potential relationships of NMO/SD to other autoimmune diseases. These new criteria are anticipated to improve diagnostic accuracy of NMO/SD and other autoimmune diseases and speed appropriate therapies.



IPND International Panel for
Neuromyelitis Optica Diagnosis

COLLABORATIVE CROSSCURRENTS

International Clinical Consortium members work toward developing and delivering improved medicines, therapeutic strategies, and diagnostic tools for NMO. **69** RESEARCHERS & CLINICIANS | **19** COUNTRIES

7 CIRCLES SITES
3 NEW IN 2015

**2015 NMO
BIOREPOSITORY**

GJCF INDUSTRY COUNCIL

Launched in 2013, the GJCF Industry Council comprised of industry-based, clinical development and Foundation leaders, focuses on minimizing barriers to develop and approve agents and strategies for improved prevention, treatment and an eventual cure for NMO. Leaders in the pharmaceutical industry are invited to join the Foundation's Industry Council.

2015 INDUSTRY COUNCIL MEMBERS

KEY PERSONNEL

Jacinta Behne, M.A.
Executive Vice President
Administration and Operations

Michael Yeaman, Ph.D., Advisor
Chair, Basic and Translational Sciences - GJCF
Professor of Medicine, David Geffen School of
Medicine at UCLA
Chief, Division of Molecular Medicine
Vice Chair, Department of Medicine
Harbor-UCLA Medical Center

MEDICAL ADVISORS

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Montreal Neurological Institute

Carolee Barlow, M.D., Ph.D.
Advisor
Drug Development

Terrence F. Blaschke, M.D.
Senior Program Officer
Global Health Discovery and Translational
Sciences
Bill and Melinda Gates Foundation
Professor of Medicine and Molecular Pharmacology
(Emeritus)
Stanford University School of Medicine

Michael Clare-Salzler, M.D.
Professor; Chairman; Director
Center for Immunology and Transplantation
University of Florida

Terry J. Smith, M.D.
Frederick G.L. Huetwell Professor of Ophthalmology
and Visual Sciences
University of Michigan Kellogg Eye Center
Professor, Internal Medicine
Division of Metabolism, Endocrinology and
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Research Institute
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University of California, Los Angeles

Andre Van Herle, M.D.
Professor of Medicine (Active Emeritus)
University of California, Los Angeles

Katja Van Herle, M.D., M.S.P.H.
Advisor
Clinical Translation and Public Health Initiatives

Howard Weiner, M.D.
Professor of Medicine, Center for Neurologic
Diseases, Brigham and Women's Hospital
Director, Multiple Sclerosis Program
Partners MS Center in Boston, MA



FUND SOURCES AND USES

SOURCE OF FUNDS AVAILABLE FOR 2015

CONTRIBUTIONS BY:	AMOUNT:
William R. Guthy	\$5,581,254
Industry Council	\$152,500
General Public	\$266,936
Unrealized Loss	\$(404,149)
Funds Carried Over from 2014	\$151,277

**TOTAL OF FUNDS
AVAILABLE TO THE
FOUNDATION IN 2015** **\$5,747,818**

2015 FUNDS USED BY THE FOUNDATION

Research Grants	\$3,188,766
Research Support	\$1,456,120
General and Administrative	\$350,132
Funds Carried Over to 2016	\$601,523

**TOTAL FUNDS USED
FOR 2015 OR CARRIED
OVER TO 2016** **\$5,596,451**



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WWW.GUTHYJACKSONFOUNDATION.ORG

