

## SANFORD LORRAINE CROSS AWARD: ADVISORY BOARD BIOS




### SCIENTIFIC ADVISORY BOARD TEAM

<p><b>Mark Atkinson, Ph.D<sup>1</sup></b></p> 	<p><b>University of Florida- Jeffrey Keene Family Professor, Departments of Pathology and Pediatrics; American Diabetes Association Eminent Scholar for Diabetes Research</b></p> <ul style="list-style-type: none"> <li>• Expert in Type 1 diabetes and immunology</li> <li>• Devoted over 30 years of investigation into Type 1 diabetes</li> <li>• Executive director for nPOD, a Type 1 diabetes research project founded by the Juvenile Diabetes Research Foundation (JDRF)</li> <li>• President- Insulin for Life USA</li> <li>• Awards- Gerold and Gyla Grodsky award (JDRF), Mary Tyler Moore &amp; S. Robert Levine MD award (JDRF- won twice), Eli Lilly Award from American Diabetes Association</li> </ul>
<p><b>Michelle Baack, MD<sup>2</sup></b></p> 	<p><b>Sanford Health- Pediatrics, Neonatology &amp; Perinatal Medicine Physician; Associate Professor, University of South Dakota School of Medicine; Associate Scientist, Children's Health, Sanford Research Center</b></p> <ul style="list-style-type: none"> <li>• Expert in neonatology and perinatal medicine</li> <li>• Research focus on the offspring of diabetic mothers, lipid research, and fetal programming</li> <li>• Led clinical trials for premature infants with omega-3 deficiencies</li> <li>• Fellow of American Academy of Pediatrics</li> <li>• Board certified in pediatrics and neonatal-perinatal medicine</li> </ul>
<p><b>Kym Boycott, MD, Ph.D, FRCPC<sup>3</sup></b></p> 	<p><b>Children's Hospital of Eastern Ontario (CHEO)- Clinical Geneticist, Senior Scientist and Investigator, CHEO Research Institute; Associate Professor, Department of Pediatrics, University of Ottawa</b></p> <ul style="list-style-type: none"> <li>• Expert in rare inherited neurological diseases affecting pediatrics</li> <li>• Lead Investigator of consortium FORGE Canada (Finding of Rare Disease Genes in Canada) which is investigating 200 rare pediatric diseases</li> <li>• Co-Chair, International Rare Disease Research Consortium (IRDiRC) Diagnostics Committee</li> <li>• Co-Leader- Care4Rare- Canadian research initiative for rare diseases</li> <li>• Awards- Canadian Institute of Health Research Clinical Investigatorship Award, SickKids Foundation Young Investigator Award, Basil O' Connor March of Dimes Young Investigator Award</li> </ul>

<sup>1</sup> UF Diabetes Institute Bio <http://diabetes.ufl.edu/research/our-team/atkinson-lab/>

<sup>2</sup> Sanford Health Bio <http://www.sanfordhealth.org/find-a-doctor/michelle-baack>; Sanford Research Lab Bio <http://www.sanfordresearch.org/faculty/primaryfaculty/baacklab/>

<sup>3</sup> CHEO Bio <http://www.cheori.org/en/researchers?id=73>; U Ottawa Bio <https://www.uottawa.ca/brain/people/boycott-kym>

<p><b>Marilyn Glassberg Csete, MD, FACP, FCCP<sup>4</sup></b></p> 	<p><b><u>University of Miami</u>- Professor of Medicine, Surgery and Pediatrics; Director, Interstitial Lung Disease Program; Director, Pulmonary Diseases at Interdisciplinary Stem Cell Institute; Vice-Chairman of Medicine for Diversity and Innovation</b></p> <ul style="list-style-type: none"> <li>• Expert in rare lung diseases</li> <li>• Studies and treats interstitial lung disease- notably pulmonary fibrosis and lymphangioleiomyomatosis (LAM), a rare disease affecting young women</li> <li>• University of Miami Health System-UHealth one of 15 sites to open a clinic for patients with LAM</li> <li>• Awarded National Library of Medicine Award</li> </ul> <p>Awarded Dines Named Visiting Professorship at Mayo Clinic Rochester for her seminal studies in cell-based therapies in chronic lung disease</p>
<p><b>Deborah Fowell, Ph.D<sup>5</sup></b></p> 	<p><b><u>University of Rochester Medical Center (NY)</u>- Associate Professor, Microbiology and Immunology, Center for Vaccine Biology and Immunology</b></p> <ul style="list-style-type: none"> <li>• Expert in immunology</li> <li>• Research focused on regulation of immunity at tissue sites of infection and autoimmunity using T cells</li> <li>• Recipient of Mary Jane Kugel Award, Discovery Concept Fund, and Howard Hughes Medical Institute Junior Faculty Start-up Award</li> <li>• Also has received Deans Professorship, Basic Science Mentoring Award and Graduate Student Society Faculty Awards from URM</li> </ul>
<p><b>Alison Freifeld, MD<sup>6</sup></b></p> 	<p><b><u>University of Nebraska Medical Center</u>- Professor, Internal Medicine Division of Infectious Disease</b></p> <ul style="list-style-type: none"> <li>• Expert in infectious diseases</li> <li>• Work dedicated to managing infections in the most vulnerable immunosuppressed cancer patients</li> <li>• Founded UNMC’s Immunocompromised Host Infectious Diseases Program</li> <li>• Chaired national panel to oversee development of National Comprehensive Cancer Network guidelines for infectious complications</li> </ul>

<sup>4</sup> University of Miami Bio <https://miami.pure.elsevier.com/en/persons/marilyn-k-glassberg-csete>; <http://uhealthsystem.com/doctors/profile/1049>; Regenerative Medicine Conference Bio <http://celltherapyconference2016.com/2015/10/19/marilyn-glassberg-csete-md-facp-fccp/>

<sup>5</sup> University of Rochester Bio <https://www.urmc.rochester.edu/people/22613691-deborah-j-fowell>,

<sup>6</sup> Nebraska Medicine Bio <https://www.unmc.edu/intmed/divisions/id/bio.cfm?MyID=238&section=Infectious%20Disease>; “Why I love ID” blog story, <https://blog.unmc.edu/infectious-disease/2017/07/17/dr-alison-freifeld-on-why-i-love-id/>

<p><b>David Pearce, PhD<sup>7</sup></b></p> 	<p><b><u>Sanford Health</u>- Executive Vice President of Innovation and Research</b></p> <ul style="list-style-type: none"> <li>• Oversees the development of research programs across Sanford’s nine-state footprint, including more than 450 researchers, eight research centers and more than 300 ongoing clinical trials</li> <li>• Head of the leading lab in Juvenile Batten disease research</li> <li>• Research has led to the first clinical trial for Juvenile Batten disease</li> <li>• Oversees a national registry for rare diseases known as the Coordination of Rare Diseases at Sanford (CoRDS)</li> <li>• Organized rare disease workshops for the National Institute for Neurological Disorders and Stroke (NINDS) arm of the National Institutes of Health (NIH)</li> <li>• Member of the executive committee for the International Rare Diseases Research Consortium (IRDiRC)</li> <li>• Awards: Gerold and Gyla Grodsky award (JDRF), Mary Tyler Moore &amp; S. Robert Levine MD award (JDRF, three-time winner), Eli Lilly award (American Diabetes Association)</li> </ul>
<p><b>William Pearce, PhD<sup>8</sup></b></p> 	<p><b><u>Loma Linda University School of Medicine</u>- Professor of Physiology; Associate Director, Center for Perinatal Biology</b></p> <ul style="list-style-type: none"> <li>• Expert in perinatal biology- the biology of developing fetus and newborn infants</li> <li>• Work focuses on fetal cerebral circulation</li> <li>• Member, Board of Directors, International Society for Cerebral Blood Flow and Metabolism</li> <li>• Member, Board of Editors, Journal of Cerebral Blood Flow and Metabolism</li> <li>• Member, Board of Editors, American Journal of Physiology: Heart and Circulatory Physiology</li> </ul>
<p><b>Susan Rheingold, MD<sup>9</sup></b></p> 	<p><b><u>Children’s Hospital of Philadelphia</u>- Medical Director of Oncology Outpatient Clinic and an Attending Physician with the Cancer Center at CHOP; associate Professor in Pediatrics at University of Pennsylvania School of Medicine</b></p> <ul style="list-style-type: none"> <li>• Expert in acute lymphocytic leukemia (ALL); experimental therapeutics and clinical trials</li> <li>• Institutional principal investigator for majority of national Children’s Oncology Group (COG) ALL trials, of which CHOP is a lead enroller</li> <li>• Reviewer of multiple publications including: <i>British Journal of Hematology</i>, <i>Journal of Pediatrics</i>, <i>Journal of Pediatric Hematology/Oncology</i></li> <li>• Member of Rapid Improvement Task Force, Center for Quality and Patient Safety</li> </ul>

<sup>7</sup> Sanford Lorraine Cross Bio <https://sanfordlorrainecross.com/scientific-board.html>

<sup>8</sup> Loma Linda University Bio <https://medicine.llu.edu/research/departments/basic-sciences/physiology/faculty/william-pearce-phd>; Curriculum Vitae [https://physiology.case.edu/media/faculty\\_cv/cv\\_vis\\_william\\_pearce\\_20160207.pdf](https://physiology.case.edu/media/faculty_cv/cv_vis_william_pearce_20160207.pdf); <https://medical-center.lomalindahealth.org/researcher-summarizes-three-decades-groundbreaking-perinatal-research>

<sup>9</sup> Children’s Hospital of Philadelphia Bio <http://www.chop.edu/doctors/rheingold-susan-r>; UPenn School of Medicine Bio <http://www.med.upenn.edu/apps/faculty/index.php/g275/p5635>

<p><b>David Sinclair, Ph.D<sup>10</sup></b></p> 	<p><b>Harvard Medical School- Professor, Department of Genetics; co-Director of Paul F. Glenn Center for Biological Mechanisms of Aging</b></p> <ul style="list-style-type: none"> <li>• Expert in aging, age-related diseases</li> <li>• Working to create anti-aging cures based around the chemical resveratrol</li> <li>• Hoping to find a pill to simultaneously combat Alzheimer’s disease, cancer, diabetes and heart disease</li> <li>• Co-founder of several biotechnology companies including Sirtris, Ovascience, Genocea, Cohbar, MetroBiotech, ArcBio, Liberty Biosecurity</li> <li>• Inventor on 35 patents, winner of over 25 awards</li> <li>• Honors include: CSL Prize, Australian Commonwealth Prize, Thompson Prize, Merck Prize, Bio-Innovator Award, Australian Medical Research Medal, TIME Magazine’s list of “100 most influential people in the world”</li> </ul>
<p><b>Clive Svendsen, Ph.D<sup>11</sup></b></p> 	<p><b>Cedars-Sinai- Kerry and Simone Vickar Family Foundation Distinguished Chair in Regenerative Medicine, Regenerative Medicine Institute; Professor in Medicine and Biomedical Sciences</b></p> <ul style="list-style-type: none"> <li>• Expert in regenerative medicine and stem cell therapies</li> <li>• Led first groups to successfully model Spinal Muscular Atrophy and Huntington’s Disease using stem cell therapies</li> <li>• Involved in first growth factor treatments for Parkinson’s Disease and working on stem cell treatments for ALS, Huntington’s, Alzheimer’s and Parkinson’s diseases</li> <li>• Awards include Shelia Essey Award from American Academy of Neurology and Huntington Disease Trailblazer Award</li> </ul>
<p><b>Joshua Wynne, MD, MBA, MPH<sup>12</sup></b></p> 	<p><b>University of North Dakota School of Medicine and Health Sciences- Dean, and Vice President for Health Affairs</b></p> <ul style="list-style-type: none"> <li>• Expert in development of research and academic enterprises</li> <li>• Served in leadership roles for University of North Dakota School of Medicine since 2004</li> <li>• Previously chief of cardiology and professor for Wayne State University School of Medicine, Detroit, MI</li> <li>• Fellow, American College of Cardiology, American Heart Association, and American College of Cardiology</li> <li>• Served on boards of American Heart Association, Fund for Medical Research and Education at Wayne State University</li> </ul>

<sup>10</sup> Harvard Med Sinclair Lab Bio <http://genetics.med.harvard.edu/sinclair/people/sinclair.php>; “This serious scientist is working on an anti-aging pill-and taking it himself.” Emily Mullin, *Washington Post*, August 17, 2015. [https://www.washingtonpost.com/national/health-science/this-serious-scientist-is-working-on-an-anti-aging-pill--and-taking-it-himself/2015/08/17/07628214-3179-11e5-8f36-18d1d501920d\\_story.html?utm\\_term=.a6661408b9b4](https://www.washingtonpost.com/national/health-science/this-serious-scientist-is-working-on-an-anti-aging-pill--and-taking-it-himself/2015/08/17/07628214-3179-11e5-8f36-18d1d501920d_story.html?utm_term=.a6661408b9b4)

<sup>11</sup> Cedars-Sinai Bio <http://bio.csmc.edu/view/15154/Clive-Svendsen.aspx>

<sup>12</sup> UND Biography <https://med.und.edu/administration/deans-office/deans-bio.cfm>