

A HISTORICAL COLLABORATION





The Center for Molecular Medicine

In 2005, Governor Guinn, University President Milt Glick, Senator Bill Raggio, Nevada state legislators, and donations by the Whittemore Foundation, created funding for WPI and the creation of the CMM. Indirect costs were directed to the University to provide support for the CMM building.



The CMM and WPI opened their doors on the campus of the University medical school in 2010.



The Root of Something New





The Whittemore Peterson Institute, WPI, serves a community impacted by ME/CFS, Long COVID, and post-acute Lyme disease, through collaborative research, education, medical care, and outreach.



WPI is uniquely situated within the Center for Molecular Medicine at the University of Nevada, Reno, to facilitate the translation of scientific breakthroughs into effective patient treatment.





THE PROBLEM FOR PATIENTS



- **Few physicians recognize the severity of these illnesses or have effective treatments to care for their patients.**
- **Most patients spend many years seeking a diagnosis and treatment. Once diagnosed they may only find symptomatic treatment.**
- **Families lose tens of thousands of dollars in medical costs and missed work. Caring for a chronically ill family member is often overwhelming.**
- **Individuals are desperate for treatments that will allow them to return to work, to school, and to their roles within the family.**



**THE PROBLEM
WITH MEDICAL
CARE**

- Lack of medical experts
- Nevada is 45th in access to medical care
- Most practices have years-long waiting lists
- Travel is too difficult
- Medicare is too costly
- Most medical experts are not taking new patients



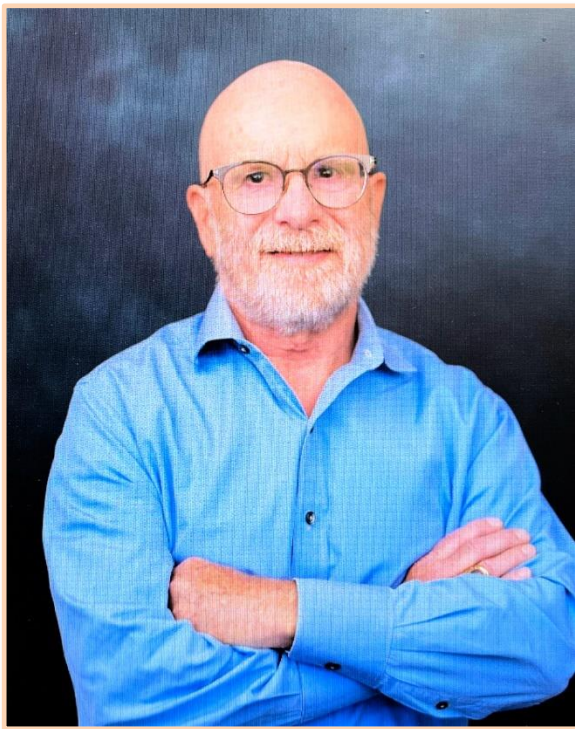
**WPI PROVIDES
SOLUTIONS**

- WPI grants provide support for the medical clinic inside the institute
- The Institute supports individualized treatments and clinical trials
- Patients should have access to care that is affordable and science based





Dr. Raymond Scott, Medical Director, WPI



Dr. Raymond H. Scott has had a highly successful career in internal medicine, with decades of experience in education, practice, and leadership. After earning dual Bachelor of Science degrees in Biology and Psychology from the University of Alabama, he pursued graduate studies in Molecular Cell Biology before obtaining his Doctor of Medicine degree from the same institution. His post-graduate training included an internship and

residency in Internal Medicine at the University of Nevada School of Medicine, where he later established his professional career. Dr. Scott holds multiple certifications, including Diplomate status with the National Board of Medical Examiners and the American Board of Internal Medicine, reinforcing his expertise in the field.



Clinical Research Translates to Patient Treatment

WPI Clinical Research Lab



Medical Suite – Check in



Medical Suite – Infusion



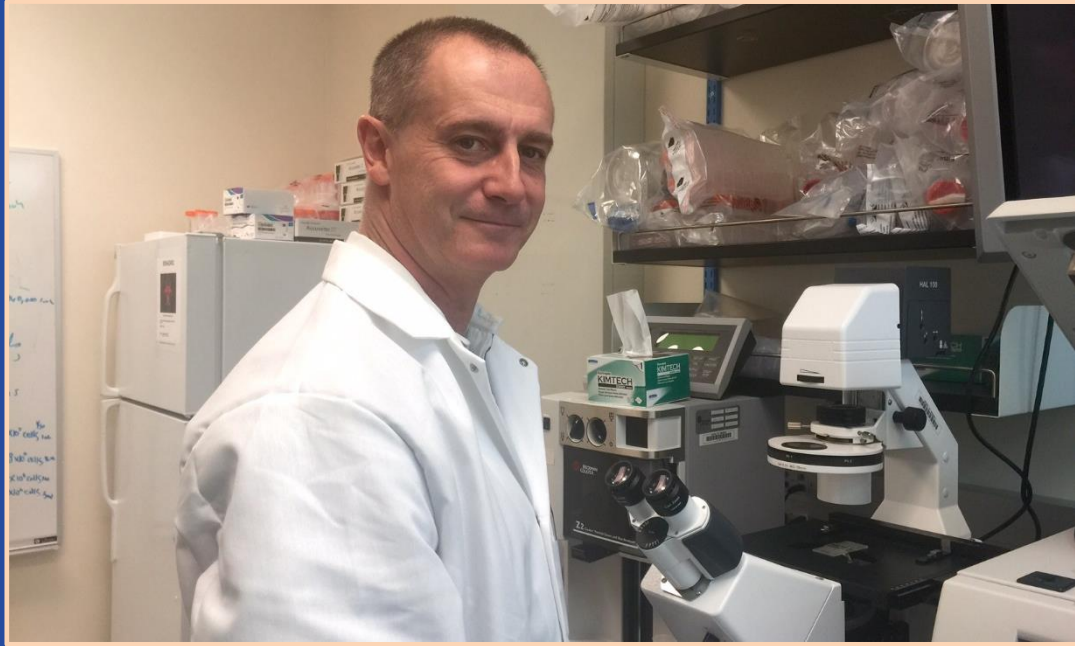
ME/CFS Patient



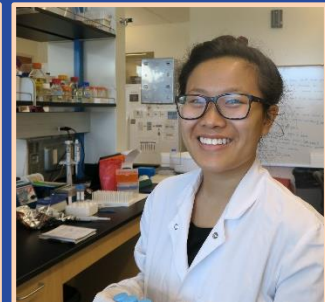
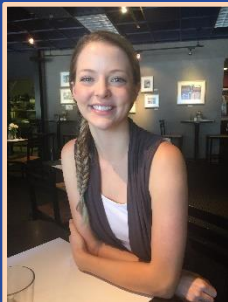
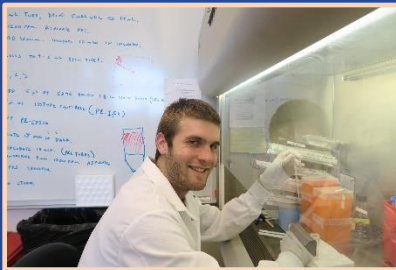


Research Leads to Discovery

Dr. Vince Lombardi, PhD, UNR Professor/Researcher



Student & Staff Researchers





WPI Engages Students of UNR Med

The UNR School of Medicine's mission is to improve the health and well-being of all Nevadans and their communities through excellence in education, clinical care, research, and inclusion.

Dr. Lombardi, PhD, is an expert in the immunology of ME/CFS. He was WPI's Director of Research until 2018. His research continues to focus on ME/CFS.

Medical students and researchers benefit from laboratory experience in research and clinical labs like Dr. Lombardi's and WPI's clinical lab.

Medical students and the public have benefited from WPI sponsored lectures and seminars on post-acute infectious illness.

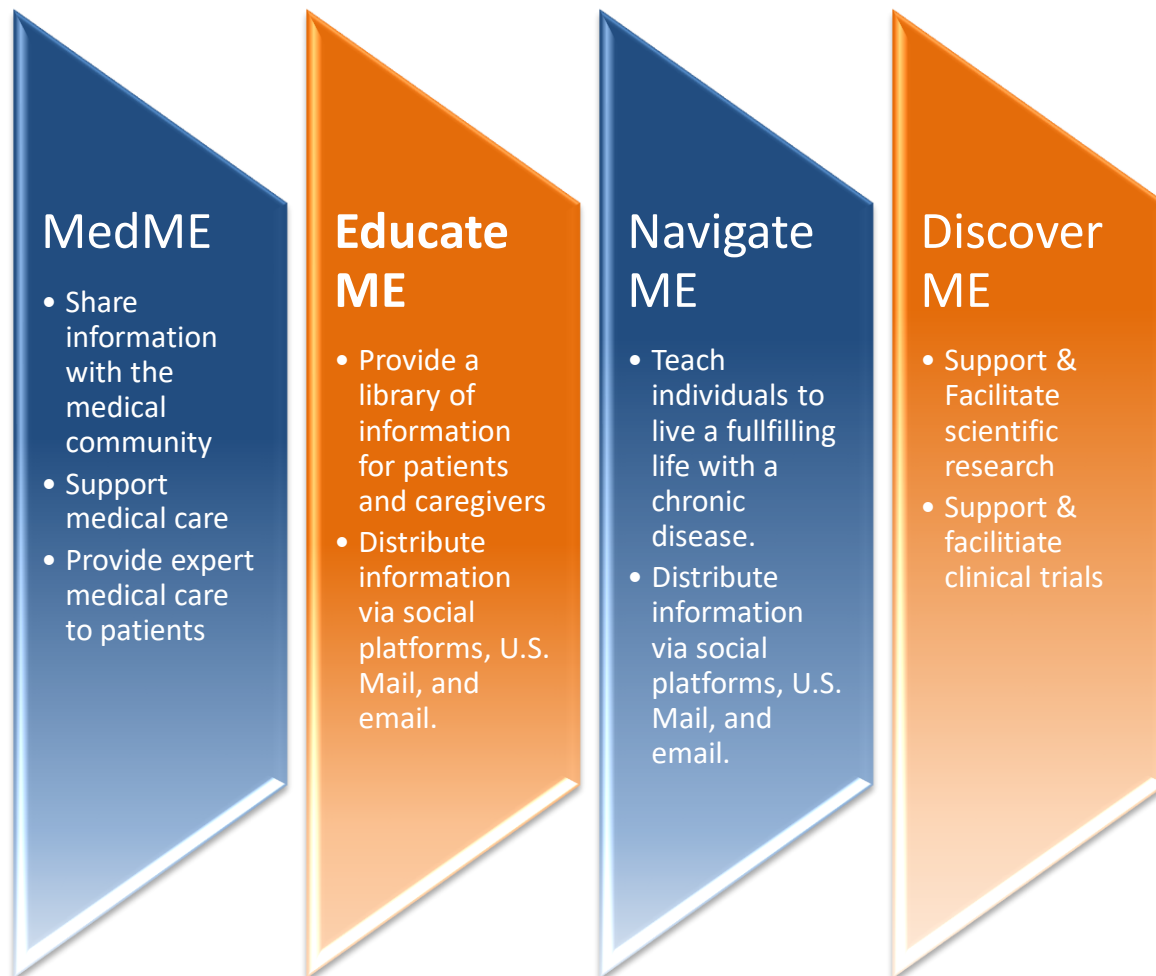
In the future, UNR Med students will benefit from a rotation with a doctor at WPI's medical clinic.



Kathryn Hagen, MD
2006-8 WPI Researcher
2012 Graduate of UNSOM
20014-2018 Residency at OHSU
20018-2020 Fellowship at OHSU
Medical Director for Hospital
Neurology and Stroke, Bend OR.



Programs Created by WPI



Overview

- WPI is the first to design a program to help patients live better with their chronic illness.
- WPI's educational and medical programs address the lack of knowledge surrounding ME/CFS.
- WPI directly supports scientific research and clinical care.
- Ongoing outreach and advocacy efforts meet the needs of patients outside of the doctor's office.



Collaborations

WPI is advancing clinical care, research, and both medical and patient education through collaborations with top experts.

Vince Lombardi, PhD,
Research Associate Professor Microbiology and Immunology
University of Nevada, School of Medicine



Richard Simmons
IACFS Conference Organizer



Stacy Stevens, MA, Founder
The Workwell Foundation



Lucinda Bateman, MD
Bateman Horne Center



Nancy G. Klimas, MD, Director
Inst. for Neuro-Immune Medicine
Nova Southeastern University





Advocacy & Outreach

WPI is committed to advocating for research, medical funding, and public awareness.

State of Nevada
Executive Department

A Proclamation by the Governor

WHEREAS, Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) is a serious, chronic, complex, multi-system disease that frequently and dramatically limits the lives of those affected by causing a substantial reduction of occupational, educational, social and personal activities; and

WHEREAS, ME/CFS affects many body systems and is characterized primarily by chronic illness and post-exertional crash, which is rapid physical and/or cognitive collapse in response to even minimal exertion from activities of daily living or simple mental tasks; recovery period is prolonged, even taking weeks or months to recover; and

WHEREAS, ME/CFS also causes pain throughout the body, immune dysregulation, cognitive impairment, sleep dysfunction, and autonomic and neuroendocrine complications; and

WHEREAS, ME/CFS affects more than one million people in the United States; and

WHEREAS, ME/CFS causes as many as 60 percent of patients to be bedbound or housebound at least some of the time and 25 percent to be fully disabled; and

WHEREAS, organizations statewide provide programs, support groups, medical research and medical conferences in order to support patients who struggle daily to cope with this disease; and

WHEREAS, the State of Nevada, its congressional leaders and private individuals, worked together to create the first integrated medical research center dedicated to ME/CFS; and

WHEREAS, the State of Nevada continues to support the ongoing efforts to bring diagnostic and treatment discovery, education and greater awareness of ME/CFS;

NOW, THEREFORE, I, BRIAN SANDOVAL, GOVERNOR OF THE STATE OF NEVADA, do hereby proclaim May 2018 as

MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME AWARENESS MONTH IN NEVADA.

In Witness Whereof, I have signed this Proclamation and caused the Great Seal of the State of Nevada to be affixed at the State Capitol in Carson City, this 3rd day of May, 2018.

Brian Sandoval
Governor

Dorena R. Goggin
Secretary of State

Scott W. Krumm
Deputy Secretary of State