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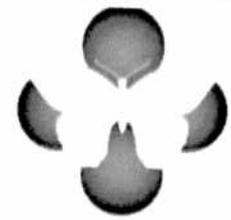
WHITTEMORE PETERSON

INSTITUTE FOR NEURO-IMMUNE DISEASE



Committee on Ways & Means
Date: 5-14-07
Submitted By: M. Kellender
Exhibit: D

Turning Today's Discoveries into Tomorrow's Cures



WHITTEMORE PETERSON

INSTITUTE FOR NEURO-IMMUNE DISEASE

EXECUTIVE STAFF

Founding Director: Annette Whittemore
Medical Director: Daniel L. Peterson, MD
Research Director: Judy A. Mikovits, PhD
Institute Consultant: Nancy G. Klimas, MD

BOARD OF DIRECTORS

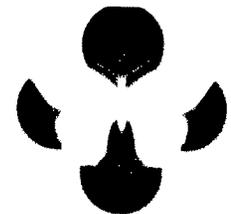
Annette Whittemore, President
Billy Vassiliadis, Vice President
Bill Bradley, Member
Peggy Sullivan, Secretary

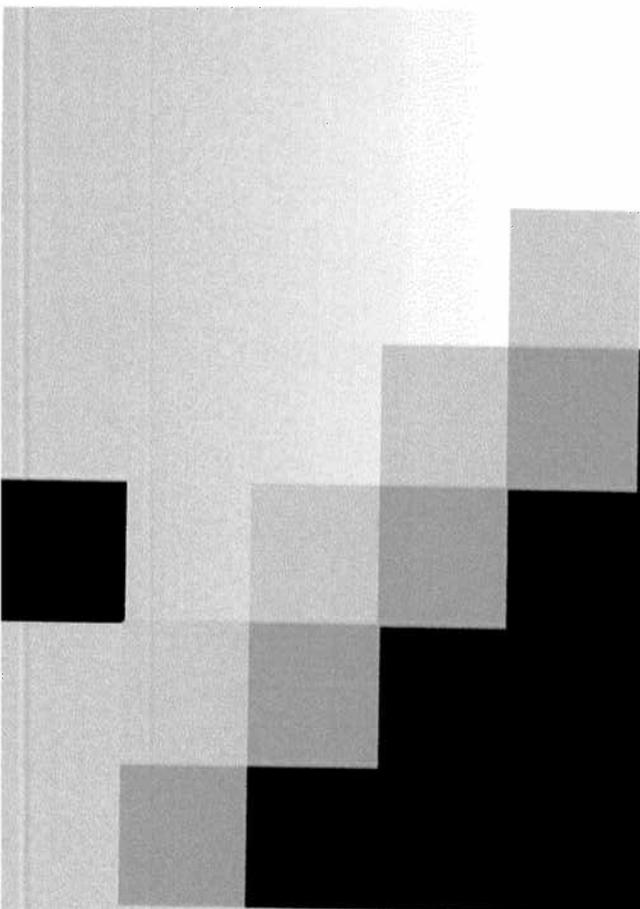
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Lucinda Bateman, MD, USA
Stacie Stevens, PhD, UP, USA
Darcy Cox, PhD, UCSF, USA
Nancy G. Klimas, MD, USA
Jonathan Kerr, MD, PhD, UK

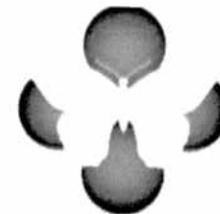
SCIENTIFIC WORKING GROUP

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William J. Murphy, PhD, UNSOM, USA
Greg Pari, PhD, UNSOM, USA
Kenneth S. Hunter, PhD, UNSOM, USA
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Doug Redelman, PhD, UNSOM, USA





THE INSTITUTE



WHITTEMORE PETERSON
INSTITUTE FOR NEURO-IMMUNE DISEASE

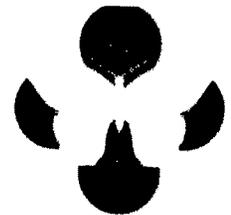
WHITTEMORE PETERSON

INSTITUTE FOR NEURO-IMMUNE DISEASE

A UNIQUE INSTITUTE

A Comprehensive Outpatient Medical and Translational Research Center Dedicated to: patient care, basic research, education and drug development for a spectrum of neuro-immune diseases.

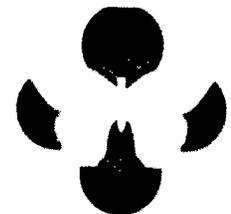
The First Institute in the World Dedicated to Neuro Immune Disease integrating: patient treatment, basic and clinical research, and medical education.



WHITTEMORE PETERSON
INSTITUTE FOR NEURO-IMMUNE DISEASE

OUR MISSION

**To Facilitate and Advance Patient Care;
Research the Pathophysiology of Neuro
Immune Disease; and, Develop
Therapeutics, Diagnostics and Prevention
Strategies for this Spectrum of Diseases.**



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INSTITUTE FOR NEURO-IMMUNE DISEASE

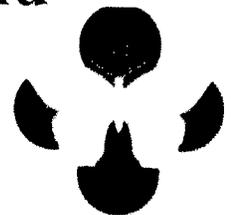
CENTER FOR MOLECULAR MEDICINE

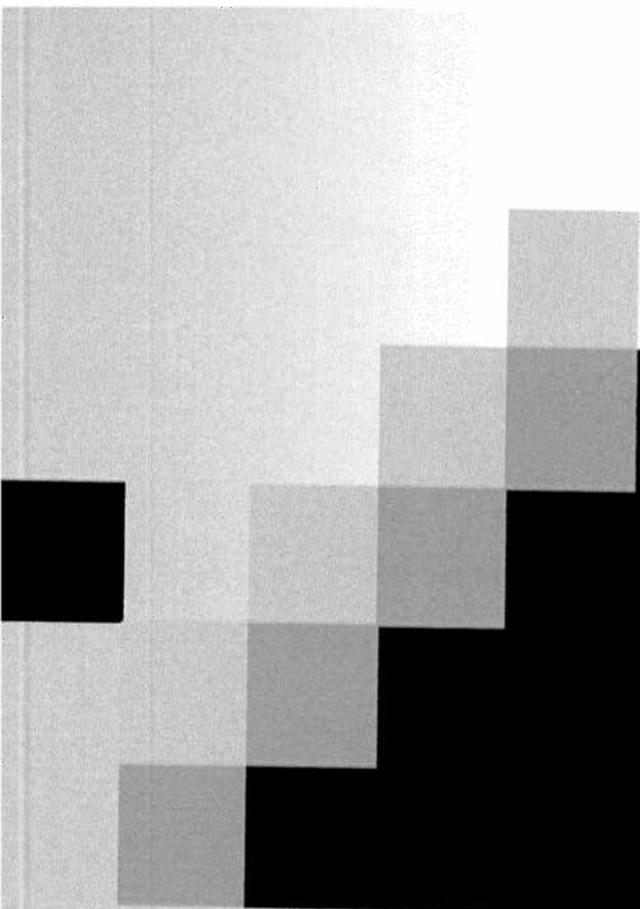
The CMM houses three unique entities:

- ❖ **University of Nevada Center for Biomedical Research**
- ❖ **Whittemore Peterson Institute**
- ❖ **Nevada Cancer Institute**

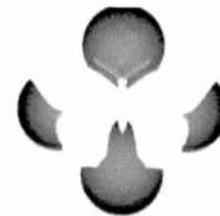
Integrative Mission:

Revealing the mechanisms of chronic diseases and developing novel treatment strategies.





THE CHALLENGE



WHITTEMORE PETERSON
INSTITUTE FOR NEURO-IMMUNE DISEASE

WHITTEMORE PETERSON

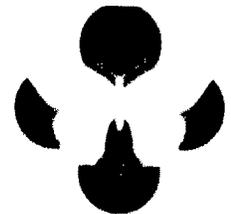
INSTITUTE FOR NEURO-IMMUNE DISEASE

OUR FOCUS

NEURO IMMUNE DISEASE

- ❖ **ME/CFS**
- ❖ **MS**
- ❖ **Fibromyalgia**
- ❖ **Autism**
- ❖ **Gulf War Illness**

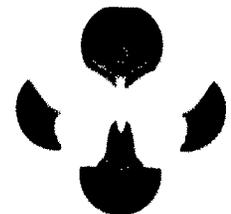
Diseases such as these involve complex immune abnormalities affecting the function of both the body and the brain and can result in life long disability.



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SERIOUS AND DEBILITATING
DISEASES RESULT IN:

- ❖ **Immune Dysfunctions**
- ❖ **Cognitive Disorders**
- ❖ **Chronic Viral Infections**
- ❖ **Other Opportunistic Infections**
- ❖ **High Rate of Disability**
- ❖ **Outbreaks and Illness in Multiple Family Members**



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HUMAN SUFFERING AND
LOSS TO SOCIETY

- ❖ **CFS is found all over the world.**
- ❖ **1 in 400 people in the US is affected.**
- ❖ **CFS is more common than MS and lung cancer.**
- ❖ **Highest disability in lower socioeconomic groups.**
- ❖ **Only 5% to 10% of sufferers sustain total remission.**
- ❖ **Cost to US in lost earnings: 9.1 billion annually.**

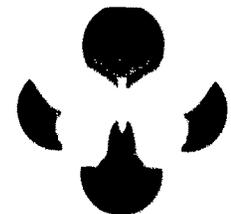


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UNANSWERED QUESTIONS

- ❖ **What are the biological causes of Neuroimmune diseases?**
- ❖ **What medical interventions will treat the underlying causes of disease?**
- ❖ **Does this disease predispose patients to earlier age of death?**
- ❖ **Is there an increase in the occurrence of cancer or additional diseases in patients with CFS?**
- ❖ **What are the greatest causes of death in CFS patients?**

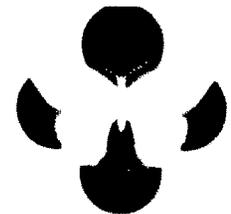


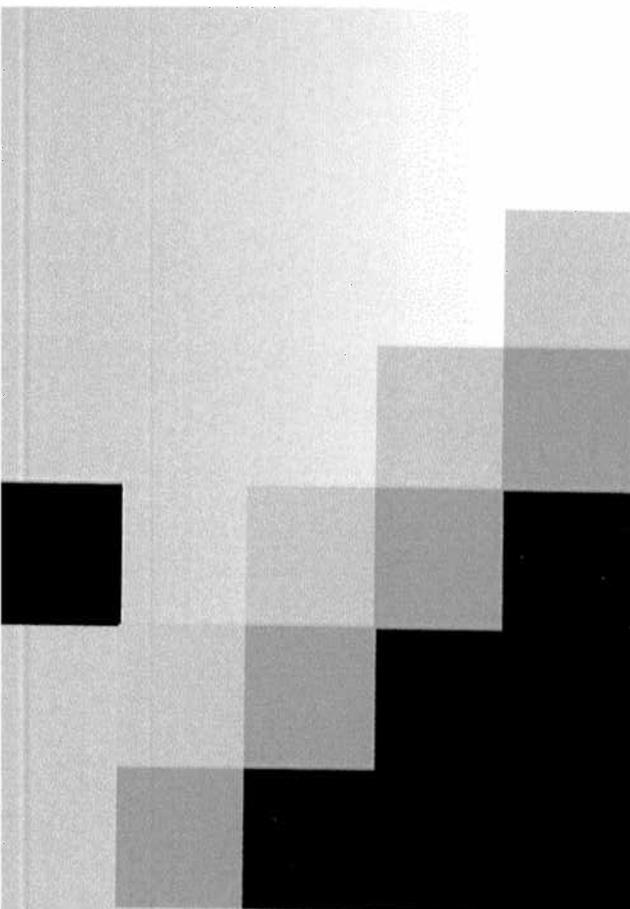
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INSTITUTE FOR NEURO-IMMUNE DISEASE

NEVADANS NEED OUR HELP

- ❖ Patients are often disabled and lose their health insurance, jobs, homes and family support.
- ❖ Patients are often struck down in their childbearing and most productive years.
- ❖ Patients have few options for treatment.
- ❖ Patients and families bear the high cost of life-long disease.
- ❖ Doctors and patients need answers.





OUR PARTNERS



WHITTEMORE PETERSON
INSTITUTE FOR NEURO-IMMUNE DISEASE

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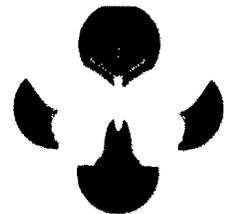
COLLABORATION IS THE KEY

Private Donation: 5 Million Dollars

**2005: State of Nevada Leads the Way
2.5 Million Dollar Appropriation**

2007: Pending Appropriations

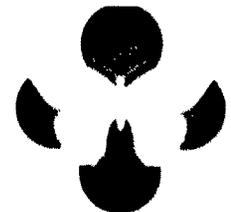
2008: Federal Government Grants



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SCIENTIFIC COLLABORATIONS

- ❖ **Diagnostic Tests for Immune Cell Function**
- ❖ **Biomarker Development**
- ❖ **Immune-modulating therapies for CFS-associated cancer (Nam Dang, MD PhD NVCI and Genyous Biomed, Henderson, NV)**
- ❖ **Antiviral Drug Development (UNSOM)**
- ❖ **Neuro-Immune Modulating Compounds (School of Pharmacology, UNSOM)**

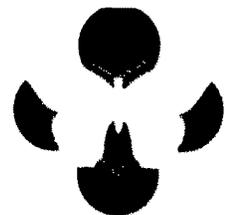


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TEAM BUILDING IN THE US

- ❖ **Private Donors**
- ❖ **University Entities**
- ❖ **State Government**
- ❖ **Federal Government**
- ❖ **Other Foundations**
- ❖ **Consortiums of Researchers**

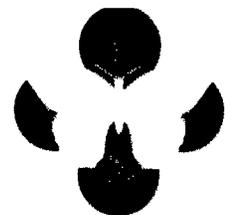


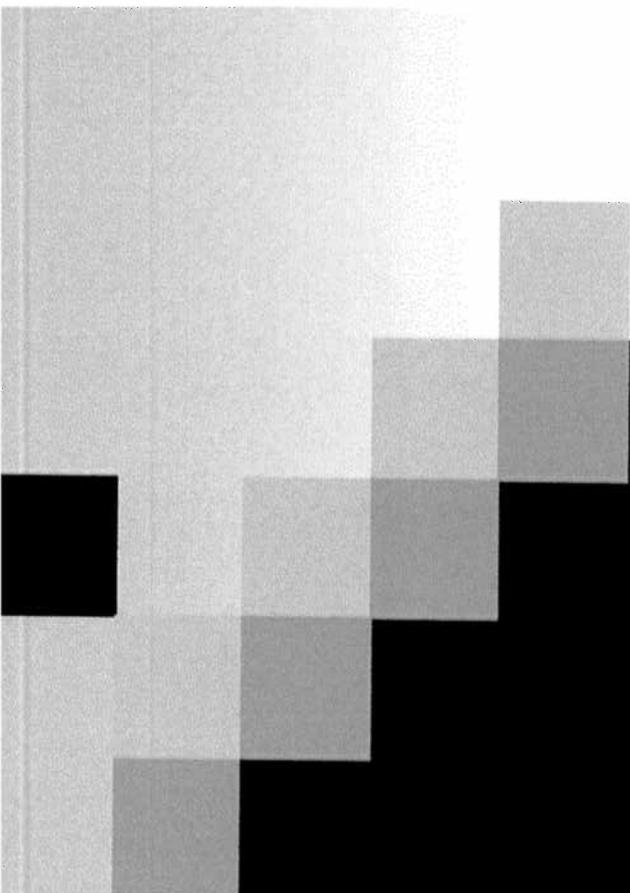
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INSTITUTE FOR NEURO-IMMUNE DISEASE

GIVING BACK TO THE STATE

- ❖ **Scientific Research Grants**
- ❖ **Federally Funded University Buildings and Programs**
- ❖ **Advancing Quality of Patient Care**
- ❖ **Bringing New Expertise to Nevada**
- ❖ **Providing Medical Internships**
- ❖ **Biomarker and Drug Discovery**





THE FACILITY



WHITTEMORE PETERSON
INSTITUTE FOR NEURO-IMMUNE DISEASE

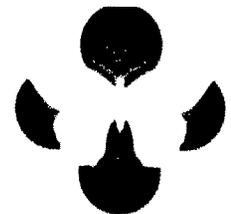
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INSTITUTE FOR NEURO-IMMUNE DISEASE

PHYSICAL FACILITIES

15,000 Square Feet of Comprehensive Clinical Facilities:

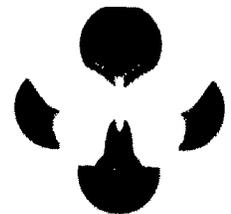
- ❖ **Patient Exam Rooms**
- ❖ **Infusion Treatment Center**
- ❖ **Physical Therapy**
- ❖ **Other Patient Support Services**
- ❖ **Outreach**



WHITTEMORE PETERSON
INSTITUTE FOR NEURO-IMMUNE DISEASE

RESEARCH LABORATORIES

- ❖ **2,500 square feet of bench laboratory space for basic research**
- ❖ **Principal investigators working side by side with basic scientists from the University of Nevada Medical School**
- ❖ **Coordination of studies with experts from around the world.**

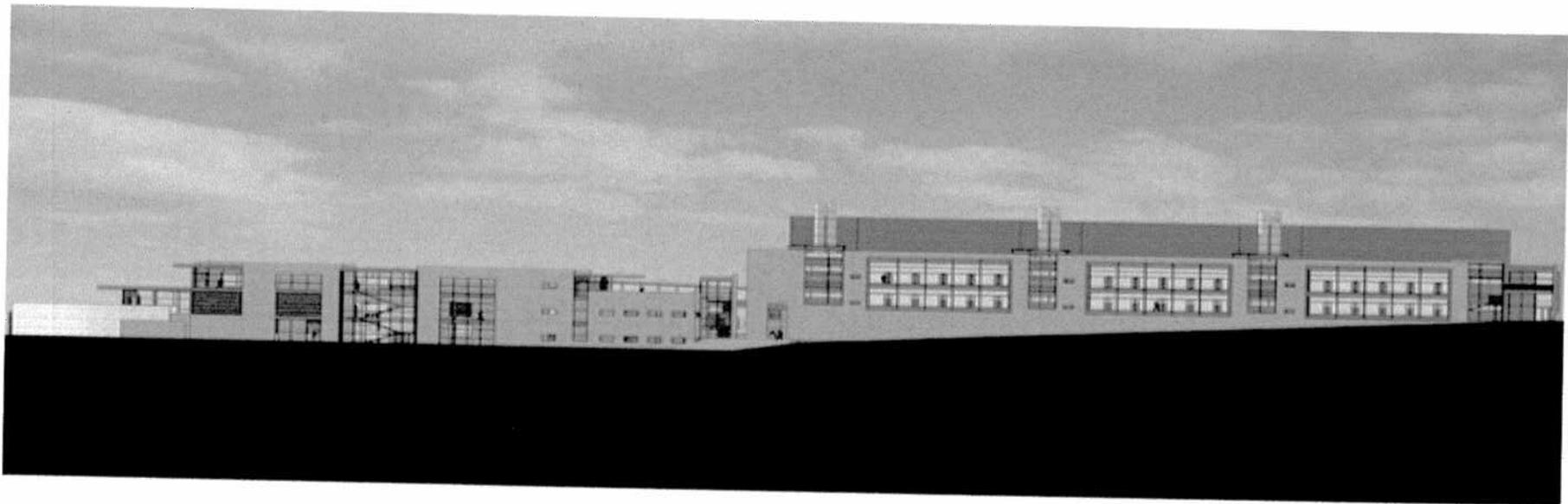
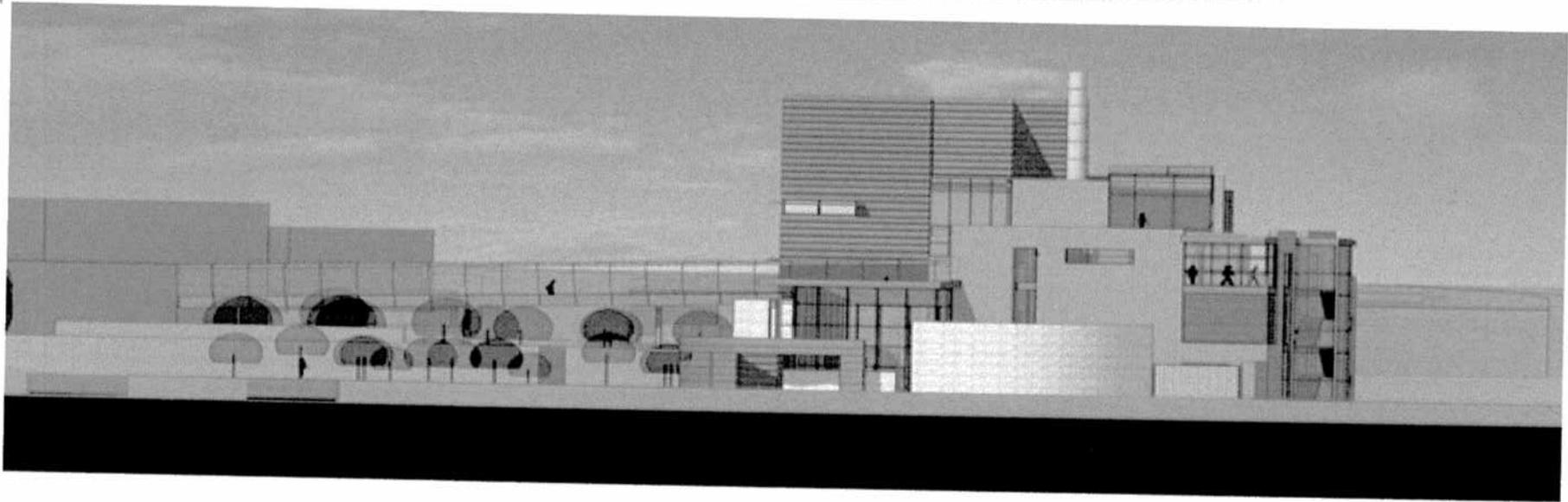


WHITTEMORE PETERSON
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CONSTRUCTION COST
ESTIMATES

- ❖ **Clinical Space: Approx. \$8.5 Million**
- ❖ **Research Space: Approx. \$2.0 Million**
- ❖ **Laboratory: Approx. \$1.5 Million**

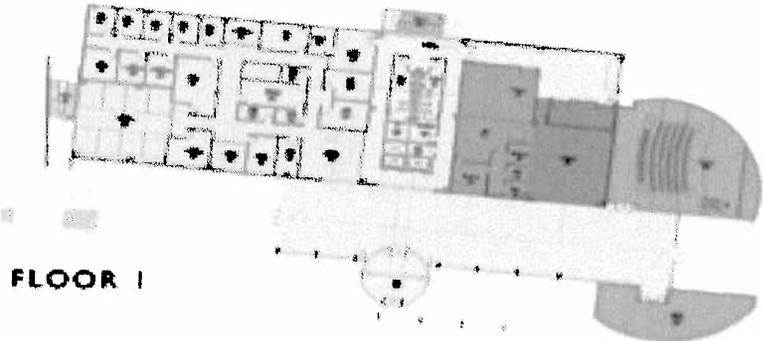




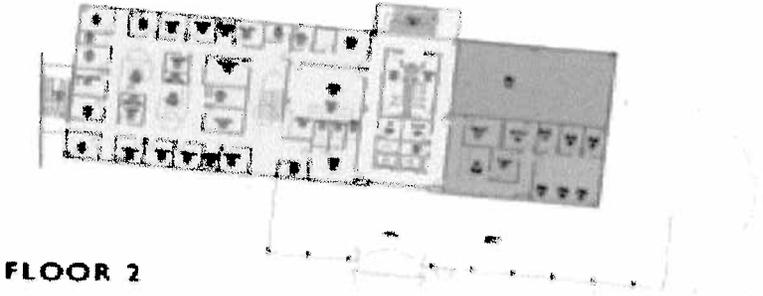
NORTH AND EAST ELEVATIONS



CAFE	
LOBBY/CIRC	
AUD.	
NYCI	
LABCORE	

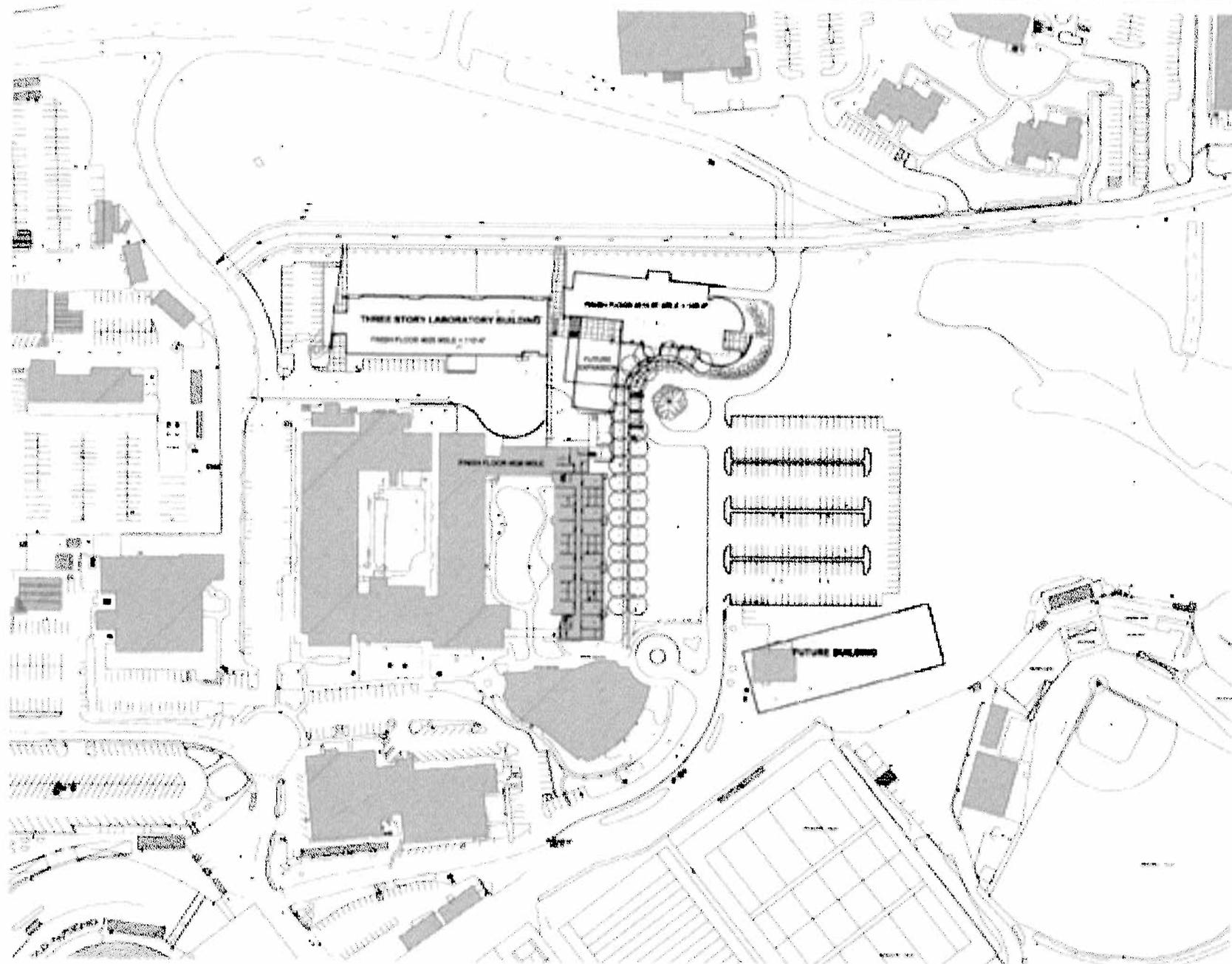


CIRC	
INSTITUTE INFUSION	
INSTITUTE - EXAM	
INSTITUTE - EXPANSION	



CIRC	
INSTITUTE - BUSINESS	
INSTITUTE - EXECUTIVE	
INSTITUTE - THERAPY/GYM	

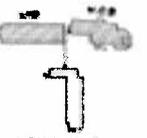




Dokter
Perich
Subalini

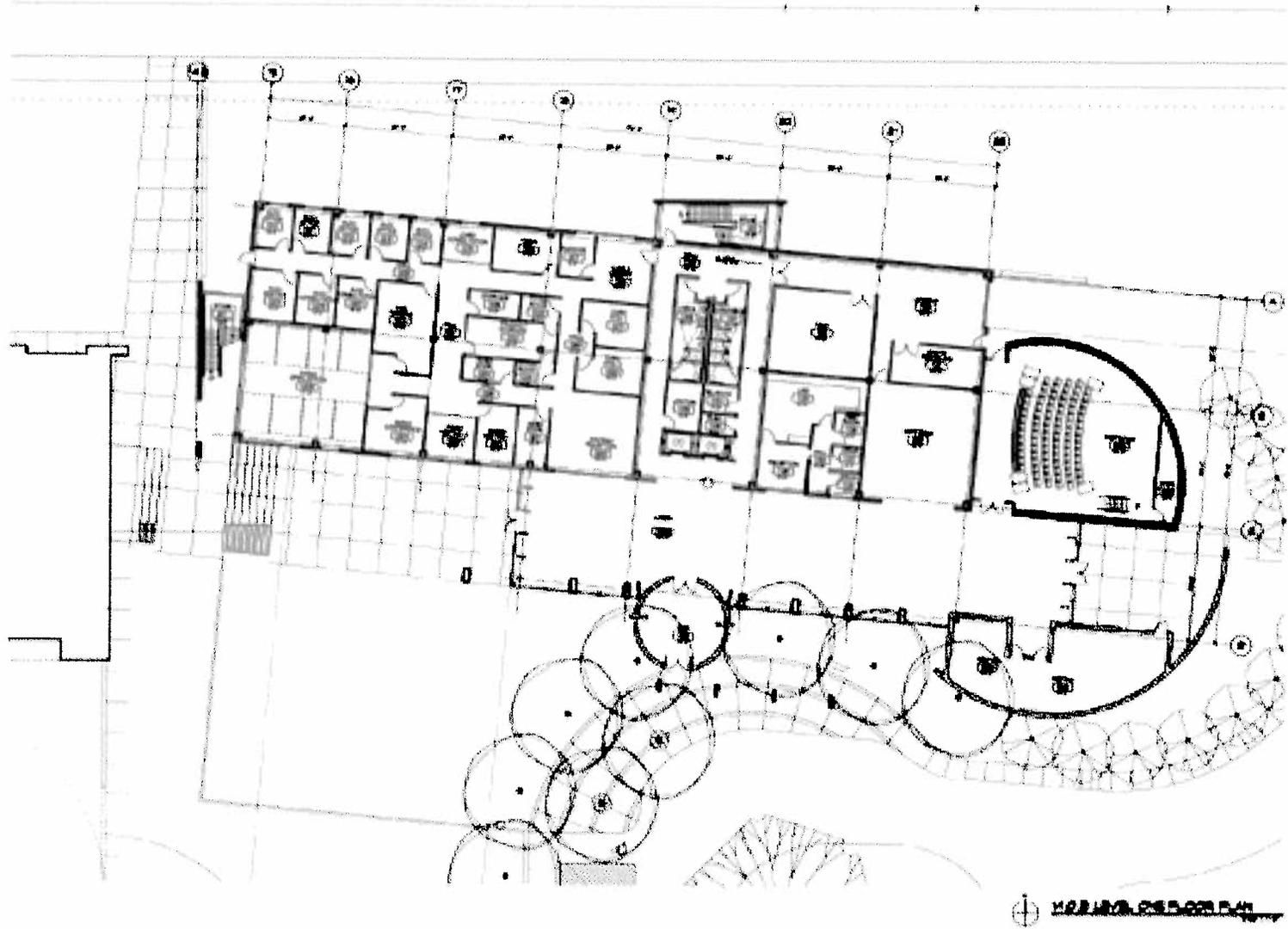
Center for Molecular Medicine

Center for Molecular Medicine
 University of Nevada
 School of Medicine
 Reno, Nevada



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NO. 5	NO. 6	NO. 7	NO. 8
NO. 9	NO. 10	NO. 11	NO. 12
NO. 13	NO. 14	NO. 15	NO. 16
NO. 17	NO. 18	NO. 19	NO. 20







 Center for Molecular Medicine

University of Nevada

 School of Medicine

 Reno, Nevada

Center for Molecular Medicine

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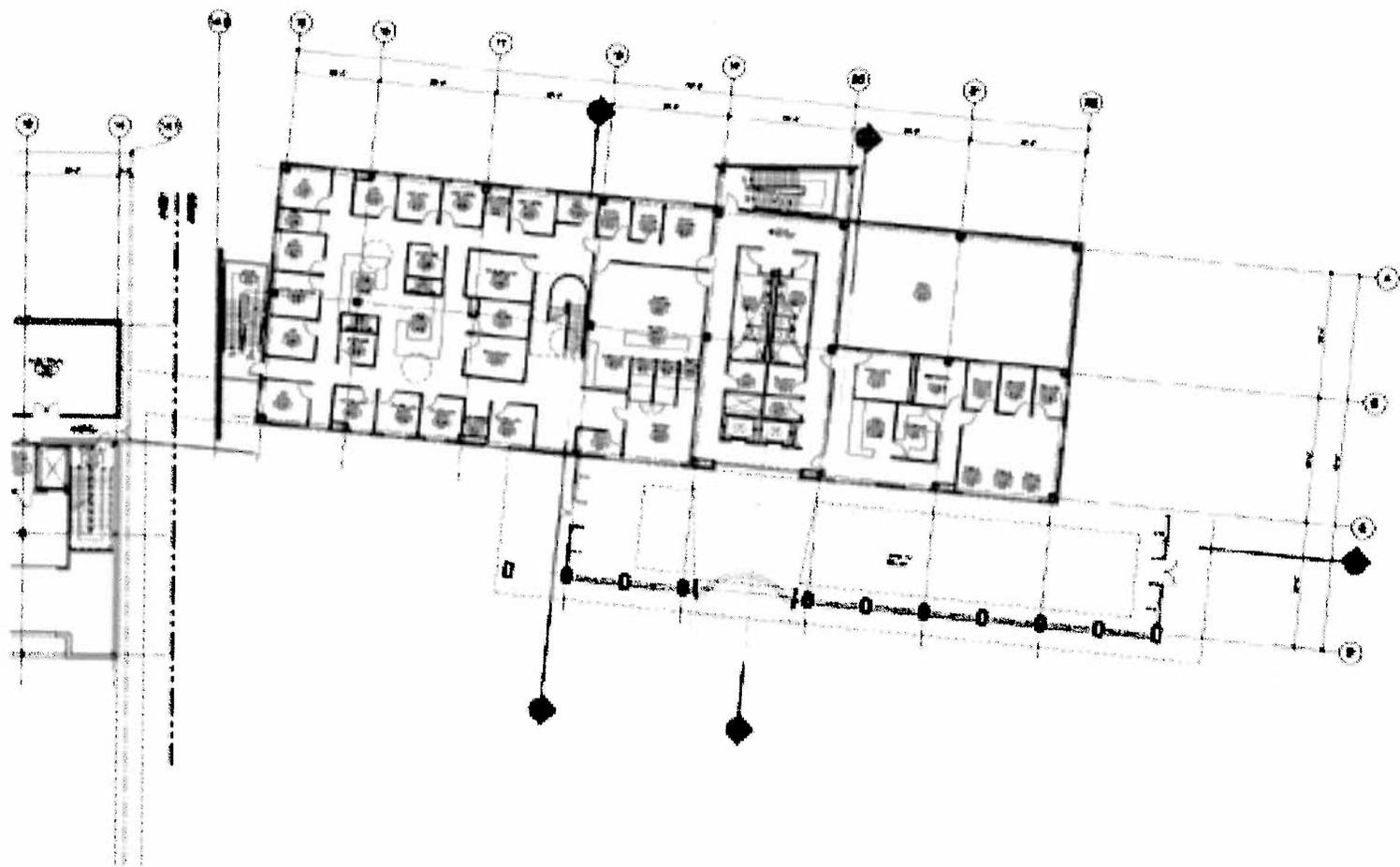
 Reno, Nevada

Center for Molecular Medicine

 University of Nevada

 School of Medicine

 Reno, Nevada



1st FLOOR FLOOR PLAN

Baker
Perich
Schubert

Center for Molecular Medicine
University of Nevada
School of Medicine
Reno, Nevada

Center for Molecular Medicine
University of Nevada
School of Medicine
Reno, Nevada



DATE	NO. 1
REVISION	NO. 2
REVISION	NO. 3
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