



A N OPPORTUNITY TO DO
INTERESTING WORK IN
THE LABORATORIES OF SENIOR
MEDICAL RESEARCHERS AT A
PROMINENT RESEARCH-INTENSIVE
PUBLIC UNIVERSITY MEDICAL
SCHOOL IN A CITY THAT OFFERS
EXCEPTIONAL SUMMER WEATHER
AND ATTRACTIONS.

To APPLY:

To be considered for this program, send the following directly to the Office of Multicultural Affairs at the University at Buffalo medical school by March 2, 2007.

Please be sure to include:

- Completed application form*
- School transcripts
- Letters of recommendation

* Application forms are available from the Office of Multicultural Affairs.

FOR MORE INFORMATION, PLEASE CONTACT:

RoseAnn Klein

Department of Pediatrics

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Fax: (716) 878-7339

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Debra Gidzinski

Office of Multicultural Affairs

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Office of Multicultural Affairs

School of Medicine and Biomedical Sciences

State University of New York at Buffalo

40 Biomedical Education Building

3435 Main Street

Buffalo, NY 14214-3013

NHLBI
**NATIONAL HEART, LUNG,
and BLOOD INSTITUTE**



SUMMER 2007
MINORITY STUDENT
RESEARCH PROGRAM
Department of Pediatrics



SCHOOL OF MEDICINE
AND BIOMEDICAL SCIENCES

University at Buffalo *The State University of New York*

SUMMER 2007 MINORITY STUDENT RESEARCH PROGRAM

The ten-week program (May 23-August 3, 2007) offers a research training experience to selected outstanding minority undergraduate and preclinical medical students. Participants will work in the laboratories of distinguished senior faculty investigators and will participate in didactic conferences that address developmental physiology and research methodology. Travel to and from Buffalo, housing, and a stipend are provided.

Program Focus

Basic-science and clinical research issues related to the transition from intrauterine to extrauterine life, with special emphasis on the cardiovascular, pulmonary, and hematopoietic/immune systems.

Eligibility

Underrepresented minority students following their second year of undergraduate education or following their first or second year of medical education. Students in Post-Baccalaureate programs prior to medical school are also eligible. Previous research experience is not required.

Enrollment in the program is limited to twenty participants (maximum two year participation in program as long as eligibility criteria is met).

Visa Status

You must be a citizen or noncitizen national of the United States or have been lawfully admitted for permanent residence at the time of appointment. Individuals on temporary or student visas are not eligible.

If you are not sure whether you are eligible or if you have any questions about whether your citizenship status qualifies you for this program, please contact Debra Gidzinski (see contact information on back panel).

2006 PARTICIPANTS *and* THEIR NHLBI RESEARCH

Brenda Aguirre

University at Buffalo

“Modulation of myoblast phenotypes using the anti-apoptotic bcl-2 gene”

Sharon Bush

University of South Alabama College of Medicine

“Endocannabinoids in Newborn Babies and the Effect of Methamphetamine on Sperm Acrosomes”

Angela Cruz

Buffalo State College

“Design and Implementation of a Filemaker Pro Lab Database”

Larry Gaines

Wright State University Boonshoft School of Medicine

“Hyperpolarization-activated cyclic nucleotide-gated (HCN) channels are expressed in the rat ovary”

David Irizarry

University at Buffalo School of Medicine and Biomedical Sciences

“Association Between the Antibody Binding of *Extraintestinal Pathogenic E. coli* and Neutrophil Mediated Bactericidal Activity”

Michael Jackson

Buffalo State College

“Quercetin and Prostate Cancer”

Madchen Kpanlin

Buffalo State College

“The Effect of Growth Factors PD and PGE₁ on MDCK, DB 3 and PGE₁ Ind cells”

Douglas Medina

Georgetown University School of Medicine

“Nucleus Accumbens Lesions and Impulsive Behavior”

Kimberly Miller

Morehouse School of Medicine

“Does methamphetamine effect human fertilization? Use of *zone pellucida* from a human egg”

Alaina Morgan

Southern Illinois University at Carbondale Post-Baccalaureate Program

“Modulation of Kv1.4 by Diethylstilbestrol”

Monty Littlejohn

University at Buffalo Post-Baccalaureate Program

“Cultural Perceptions on Identification and Treatment of Spatial Distribution of ultrafine particles in Buffalo’s West Side: A Pilot Study”



Cristina Ponton Nigaglioni

University of Puerto Rico Medical Sciences Campus

“Ethnic differences in depression, asthma disease severity and the relationship between depression and asthma disease severity”

Nashira Sey

Southern Illinois University at Carbondale Post-Baccalaureate Program

“Alterations in sperm fertilization functions due to methamphetamine exposure”

Shatima Seward

Wake Forest University School of Medicine

“Nicotinic Receptor Control of Sperm Function in Smokers and Non-Smokers”

Chanel Shaw

University of Rochester School of Medicine and Dentistry

“Epidemiology of MRSA in the pediatric community”

Jasmine Smith

Wake Forest University School of Medicine

“Direct relationship between stress reactivity and adiposity in youth”

Teresa Witcher

Southern Illinois University at Carbondale Post-Baccalaureate Program

“The Effect of Capsazepine on Acute Lung Damage due to Gastric Aspiration”