**CURRICULUM VITAE**

**DATE:** November 14, 2013

**NAME**: Muriel Wikswo Lambert, Ph.D

**HOME ADDRESS:** 66 Plymouth Street

Montclair, NJ 07042

**OFFICE ADDRESS:** Department of Laboratory Medicine and Pathology

New Jersey Medical School

Rutgers, The State University of New Jersey

185 South Orange Avenue

Newark, New Jersey 07103

**TELEPHONE NUMBER:** (973) 972-4405

**EDUCATION:**

A. Undergraduate

Sweet Briar College

Sweet Briar, VA

B.A. 1966

B. Graduate

Northwestern University

Evanston, IL

Ph.D. 1970

**POSTGRADUATE TRAINING:**

A. Research Fellowships

National Science Foundation (NSF) Predoctoral Trainee Fellowship,

Northwestern University

1966-1970

NIH Postdoctoral Fellowship

Harvard University, School of Dental Medicine

1970-1972

Research Fellowship

Yale University School of Medicine

1972-1976

B. Postdoctoral Appointments

Postdoctoral fellow

Harvard University School of Dental Medicine,

Boston, MA (Dr. George Szabo, Director)

1970-1972

Postdoctoral Research fellow

Yale University School of Medicine

New Haven, CT (Dr. Joseph McGuire)

1972-1976

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**ACADEMIC APPOINTMENTS:**

Department of Anatomy

Harvard Medical School

Instructor

September 1971 – May 1972

Department of Pathology

UMDNJ – New Jersey Medical School

Associate in Pathology

July 1976 – May 1978

Department of Pathology

UMDNJ – New Jersey Medical School

Assistant Professor

June 1978 – June 1985

Department of Pathology

UMDNJ – New Jersey Medical School

Associate Professor

July 1985 – June 1991

Department of Pathology and Laboratory Medicine

New Jersey Medical School

Rutgers, The State University of New Jersey (UMDNJ)

Professor

July 1991 – present

Department of Medicine, Division of Dermatology

New Jersey Medical School

Rutgers, The State University of New Jersey (UMDNJ)

Professor

July 1993 - present

**HOSPITAL APPOINTMENTS:** None

**OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS:** None

**LICENSURE:** None

**DRUG LICENSURE:** None

**CERTIFICATION:** None

**MEMBERSHIPS, OFFICES AND COMMITTEE ASIGNMENTS IN PROFESSIONAL SOCIETIES:**

Sigma XI

Member

1973 – present

Society for Investigative Dermatology

Member

1979 – present

Federation of American Societies for Experimental Biology

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Member

1982 – present

American Society for Photobiology

Member

1985 – present

Task Force on Xeroderma Pigmentosum, American Academy of Dermatology

member

1988 - 2001

American Association for Cancer Research

Member

1989 - Present

Environmental Mutagen Society

Member

1992 - Present

American Academy of Dermatology

Member

1993 - Present

EPA/NIEHS Liaison Committee, American Academy of Dermatology

Member

1994-1997

American Society of Hematology

Member

1995 – Present

Photodermatology Society

Member

1996 - 2009

**HONORS AND AWARDS:**

Phi Beta Kappa

1965

Cum laude, Sweet Briar College

1966

Teaching and Service Incentive Award, UMDNJ-NJMS

1986-1987

**Boards of Directors/Trustees:** None

**SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:**

1988 NIH Study Section for NIAMS Skin Diseases Research Core

Center Grants

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1990 Referee/advisor for NATO Scientific Affairs Division

Advanced Research Workshop Applications

1990 Department of Energy Peer Review Panel for review of

Molecular and Cell Biology Research Programs

1991 NIH Radiation Study Section, Ad Hoc Member

1992 NIH Study Section for NIAMS Skin Diseases Research Core

Center Grants, Section Subchair

1993 Department of Energy Peer Review Panel for review of

Research at Brookhaven National Laboratory

1994 Department of Energy Review Panel for site visit at Lawrence

Livermore National Laboratory

1995, 1996 NIH Special Study Section, Multidisciplinary Special Emphasis Panel

1997 Fanconi Anemia Research Fund, Reviewer for grants

1999 NIH, NHLBI, Review panel, Program Project Grant, Oregon Health

Sciences University

## 

## 1999 NIH, NIEHS, Site Visit Team, Core Center Grant, SUNY- Stony Brook

## 

2000 NIH, NHLBI, Grant Review, ad hoc reviewer

2000 NIH, Study Section, Fellowship Review (4/00) (7/00)

## 2001 NIH, NIEHS, Site Visit Team, Program Project Grant, Vanderbilt University

2002 NIH, NIEHS, Site Visit Team, Program Project Grant, Washington State University

2002 NIH, NHLBI, Grant review, Program of Excellence in Gene Therapy, University of Washington – Fred Hutchinson Cancer Research Center, Seattle, WA

2003 NIH, NIEHS, Review Program Project Grant, Washington State University

2003 Israel Science Foundation, Grant review

2003 Fanconi Anemia Research Fund, Grant review

2004 NIH, NHLBI, Review Program Project Grant, Oregon Health Sciences University

2004 NIH, NIEHS, Site Visit and Review of Center Grant, University of Arizona

2004 Fanconi Anemia Research Fund, Grant review

2004 International Association for Cancer Research, Grant review

2005 NIH, NHLBI, Clinical Hematology Study Section

2005 NIH, NIEHS, Site Visit and Review of Center Grant, University of Arizona

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2006 NIH, NHLBI Review Panel, Program Project Grant, Cincinnati Children’s Hospital Medical Center

2006 NIH, NHLBI, Hemostasis and Thrombosis Study Section

2007 NIH, NHLBI, Study Section for Review of R24 grants

2007 UMDNJ – NJMS Review Panel for review of Foundation of UMDNJ and Dean’s Biomedical Research Support Grants Program, 2007

2007 NIH, NHLBI Review Panel, Program Project Grant, Cincinnati Children’s Hospital Medical Center

2008 NIH, Cancer Genetics Study Section

2008 National Medical Research Council Grant Review

2008 Cancer Research UK Project Grant Review

2009 NIH, NHLBI Review Panel, Program Project Grant, Yale University School of Medicine

2009 Fanconi Anemia Research Fund, Grant review

2009 - 2013 NIH, Cancer Genetics Study Section (standing member)

2010- 2013 Fanconi Anemia Research Fund, Grant review

**SERVICE ON MAJOR COMMITTEES:**

**UMDNJ -** **New Jersey Medical School:**

1980-82 Institutional Planning and Development Committee

1986-88 Institutional Planning and Development Committee

1989 Institutional Self-Study Task Force - Sub-Committee on the

Basic Science Departments

1989 Search Committee for Chairman, Department of Anatomy

1991 Search Committee for Chairman, Department of Laboratory

Medicine and Pathology

1991 Faculty Appointments and Promotions Committee

1992-93 Vice Chairman

1993 Biomedical Research Support Committee

1994-96 Chairman

1994-95 Committee on Promotions and Tenure Criteria

1994 Advisory Committee for Chairperson, Department of Anatomy,

Cell Biology and Injury Science

1995-97 Faculty Affairs Committee

1996-97 LCME Subcommittee - Research/Graduate Education in Basic Sciences

1997-00 Research Advisory Group Committee

1998-00 NJMS Research Planning and Priorities Committee

1998-00 Faculty Appointments and Promotions Committee

1998-11 MD/Ph.D. Committee

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**Department of Pathology and Laboratory Medicine:**

1978- Graduate Studies Committee

1978-88 Radiation Safety Officer

1981- Thesis Advisory Committee for 22 graduate students

1982- 1985 Committee on Graduate Student Admissions

Chairman

1985-91 Space Committee

1986-91 Coordinator of Departmental Research Seminars

1985-present Director, Graduate Program in Molecular Pathology and Immunology

1987-88 Faculty Recruitment Committee

1987-91 Executive Committee

1998-2007 Co-Director Departmental Research Group

**Department of Medicine**

1993-present Director of Dermatological Research

**Editorial Activity:**

*AdHoc* Reviewer: Biochemical Pharmacology

Archives of Dermatological Research

Carcinogenesis

Journal of Investigative Dermatology

Environmental Health Perspectives

Environmental and Molecular Mutagenesis

Journal of Cell Physiology

BMC Blood Disorders

FASEB Journal

Cell Biology International

BMC Cell Biology

Cell and Molecular Biology Letters

DNA Repair

Nucleic Acid Research

Human Molecular Genetics

Journal of Molecular Biology

Molecular Cell

Blood

Journal of Cell Biology

**SERVICE ON GRADUATE SCHOOL COMMITTEES:**

**UMDNJ**-**Graduate School of Biomedical Sciences:**

1979-81 Executive Council

1985- Executive Council

1981- Thesis Advisory Committees for 28 graduate students

1987- Graduate Program Directors Committee

1987-88 Top 25 Committee

1989-90 Search Committee for Dean of Graduate School

1991-present Student Hearing Body

1993-94 Organizing Committee for Interdepartmental Course -

Biochemistry and Molecular Biology

1994-96 GSBS/Jersey City State College Admission Committee

1996 Ad Hoc Committee to Evaluate MS Programs in Oral Biology

1998-99 Core Curriculum Committee

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1999-2000 Committee for the combined MS/Ph.D. degree program with Montclair State University

2001-03 Committee on Ph.D. Degree Program in Biomedical Sciences

2009-11 Taskforce on the Development of a Multidisciplinary Ph.D. program for

the Graduate School

2011-present Oversight Committee for the Molecular Biology, Genetics and Cancer

(MBGC) Track

2011-present Organizing Committee for the Introduction to Biomedical Sciences

Course

2013-present Class Advisor for first year MBGC Track PhD students

**Director/Organizer National/International Meetings:**

1988 Director NATO Advanced Research Workshop, "DNA Repair

Mechanisms and Their Biological Implications in Mammalian

Cells," Fontevraud, France

1991 Session organizer and discussion leader, Gordon Conference,

"Mammalian DNA Repair," Oxnard, CA

1995 Session organizer and discussion leader, Gordon Conference,

"Mammalian DNA Repair," Ventura, CA

**SERVICE ON HOSPITAL COMMITTEES:** None

**SERVICE TO THE COMMUNITY:**

Participation in Camp Sundown, a summer camp for patients with xeroderma

pigmentosum

Work with the Xeroderma Pigmentosum Family Support group

**SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE:**

Dwight Lee 1983 Ph.D.

James Kaysen1984 Ph.D.

David Parrish 1990 Ph.D.

Xu Feng 1994 Ph.D

Bo Hang 1994 Ph.D.

Daniel Brois 1996 Ph.D.

Lynn Anglin 1998 Ph.D.

Liming Yang 1999 Master’s

Laura McMahon 2002 Ph.D.

Deepa Sridharan 2006 Ph.D.

Joel Lefferts 2006 Ph.D.

Claudine Bartels 2006 Ph.D.

Chuan Wang 2008 Ph.D.

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Melissa Baralt 2009 Ph.D.

Pan Zhang 2009 Ph.D.

**SPONSORSHIP OF POSTDOCTORAL FELLOWS/RESEARCH ASSOCIATES:**

Dr. Gene Potter 1986-1987

Dr. Lynn Bickley 1987-1988

Dr. David Arbsfeld 1991-1992

Dr. Kandalla Kumaresan 1993-2003

Dr. Nydia Ramos 1998-2001

Dr. Laura McMahon 2002-2009

Dr. Pan Zhang 2010-2012

**TEACHING RESPONSIBILITIES:**

**Lectures or Course Directorships**

Name of Course: Cellular Pathology (PATH5100)

School: GSBS

Role: Course Director and Lecturer

Contact Hours: 32 hours

Lecture hours: 14

Lectures: - Nucleus and Mitochondria – Normal and Pathological

Ultrastructure and Function

* Peroxisomes andEndoplasmic Reticulum – Normal and

Pathological Ultrastructure and Function

* Golgi and Lysosomes – Normal and Pathological

Ultrastructure and Function

- Microtubules, Microfilaments and Intermediate Filaments

- Cell Membranes and the Cortical Cytoskeleton,

- Cell Junctions and Nuclear Pores

* DNA Damage and Repair
* The Melanocyte – Normal and Pathological Structure and

Function

Name of Course: MBGC Track Seminar Series

School: GSBS

Role: Course Director

Contact Hours: 32 hours

Name of Course: Introduction to Biomedical Sciences

School: GSBS

Role: Lecturer in Module 3 – Cell Function

Lecture Hours: 2

Lecture: Introduction to Cell Biology and Organelles

Name of Course: Advances in Nucleic Acids: DNA

School: GSBS

Role: Lecturer

Lecture Hours: 2 hours

Lecture: DNA Damage and Repair

Name of Course: Fundamentals II

School: GSBS

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Role: Lecturer

Lecture Hours: 3 hours

Lecture: The Cytoskeleton

Name of Course: Graduate Student Seminars

School: GSBS

Role: Director

Contact Hours: 4 hours