

McLaughlin
Research



Institute
for
Biomedical Sciences

**Scientific Advisory
Committee**

David Baltimore, Ph.D.
Robert Andrews Millikan
Professor of Biology
California Institute of
Technology

David Cameron, Ph.D.
Professor Emeritus
Dept. of Biology
Montana State University

Neal G. Copeland, Ph.D.
Executive Director
Institute of Molecular and
Cellular Biology
Singapore

Jeffrey A. Frelinger, Ph.D.
Professor, Dept. of
Microbiology and Immunology
University of North Carolina
Medical School

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President and Director
Institute for Systems Biology

Nancy A. Jenkins, Ph.D.
Deputy Director
Institute of Molecular and
Cellular Biology
Singapore

James A. Spudich, Ph.D.
Douglass M. and Nola
Leishman Professor of
Cardiovascular Disease
Department of Biochemistry
Stanford University

Irving L. Weissman, M.D.
(Chairman)
V&D Ludwig Professor and
Director of Stanford Institute
Of Stem Cell Biology and
Regenerative Medicine
Stanford University School
of Medicine

US NRC Region IV
ATTN: Licensing Assistant
612 East Lamar Boulevard, Suite 400
Arlington, Texas 76011-4125

6/18/10

To Whom It May Concern:

We request the following amendments to NRC license 25-26973-01, issued to the McLaughlin Research Institute:

- 1) A change in Radiation Safety Officer from John A. Mercer to John R. Bermingham, Jr. Dr. Bermingham currently is an Authorized User, and his qualifications are attached.
- 2) Addition of Dr. Deborah E. Cabin as an Authorized User. Dr. Cabin's qualifications are attached.
- 3) Addition of Dr. Teresa M. Gunn as an Authorized User. Dr. Gunn's qualifications are attached.
- 4) Removal of Dr. Pin Xu as an Authorized User. Dr. Xu is no longer employed by the Institute.

Enclosed are qualifications for Dr. Bermingham, and information on classroom and laboratory training for Drs. Cabin and Gunn. We apologize for the delay in providing this information to the NRC. Our previous RSO, Dr. John Mercer, is on Sabbatical in California. This letter is being sent by email; the original will be sent by traditional mail.

Sincerely,

George A. Carlson, PhD.
Director, McLaughlin Research Institute
gac@po.mri.montana.edu

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JUN 18 2010

DNMS

George A. Carlson, PhD • Director
1520 23rd Street South 406 . 452 . 6208 Phone
Great Falls . Montana 59405 406 . 454 . 6019 Fax
gac@mri.montana.edu

No 573109

Classroom and Laboratory training, John R. Bermingham, Jr.:

Description of Training	Location of Training	Clock Hours	Dates of Training
Radiation physics and instrumentation	1) B.A. Yale University 2) Harvard University 3) Ph.D. Univ. of Colo., Boulder	1) 2 2) 2 3) 2	1) 1976-1979 2) 1979-1981 3) 1981-1989
Radiation protection	1) B.A. Yale University 2) Harvard University 3) Ph.D. Univ. of Colo., Boulder 4) UC San Francisco 5) UC San Diego	1) 1 2) 2 3) 2 4) 1 5) 1	1) 1976-1979 2) 1979-1981 3) 1981-1989 4) 1990 5) 1991
Mathematics pertaining to the use and measurement of radioactivity	1) B.A. Yale University 2) Harvard University 3) Ph.D. Univ. of Colo., Boulder	1) 1 2) 2 3) 2	1) 1976-1979 2) 1979-1981 3) 1981-1989
Radiation biology	1) B.A. Yale University 2) Harvard University 3) Ph.D. Univ. of Colo., Boulder	1) 2 2) 1 3) 2	1) 1976-1979 2) 1979-1981 3) 1981-1989
Radiation dosimetry	1) B.A. Yale University 2) Harvard University 3) Ph.D. Univ. of Colo., Boulder	1) 1 2) 2 3) 2	1) 1976-1979 2) 1979-1981 3) 1981-1989
Total Hours of Training: 28			

Experience, John R. Bermingham, Jr.:

Dr. Bermingham is an Authorized User at the McLaughlin Research Institute.

Description	Supervisor	Location	Dates and Clock Hours
In vivo plasmid labeling (³ H and ¹⁴ C)	David Dressler Huntington Potter III	Harvard	1979-1981 hundreds
³² P ATP synthesis, yeast mitochondrial RNA labeling	Robert O. Poyton Gary Bellus	Univ. of Colorado, Boulder	1982 approx. 16hrs
Nucleic acid labeling (³² P, ³⁵ S)	Matthew P. Scott Allen Laughon John Tamkun Joan Hooper	Univ. of Colorado, Boulder	1983-1989 hundreds
Nucleic acid labeling (³² P)	Jane Gitschier self	UC San Francisco	1990 50 hours
Nucleic acid labeling (³² P, ³⁵ S)	MG Rosenfeld self	UC San Diego	1991-1998 hundreds
Nucleic acid labeling (³² P, ³⁵ S)	self	McLaughlin Research Institute	1998-present hundreds

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Classroom and Laboratory training, Deborah E. Cabin, Ph.D.:

Description of Training	Location of Training	Clock Hours	Dates of Training
Radiation physics and instrumentation	1) Dept. of Surgery, Johns Hopkins U. 2) Dept. Physiology, Johns Hopkins U. 3) National Institutes of Health	1) 0.5 2) 0.5 3) 2	1) 08/1987 2) 10/1990 3) 09/22/1998
Radiation protection	1) Dept. of Surgery, Johns Hopkins U. 2) Dept. Physiology, Johns Hopkins U. 3) National Institutes of Health	1) 4 2) 4 3) 2	1) 08/1987 2) 10/1990 3) 09/22/1998
Mathematics pertaining to the use and measurement of radioactivity	1) Dept. of Surgery, Johns Hopkins U. 2) Dept. Physiology, Johns Hopkins U. 3) National Institutes of Health	1) 0.5 2) 0.5 3) 1	1) 08/1987 2) 10/1990 3) 09/22/1998
Radiation biology	1) Dept. of Surgery, Johns Hopkins U. 2) Dept. Physiology, Johns Hopkins U. 3) National Institutes of Health	1) 1 2) 1 3) 1	1) 08/1987 2) 10/1990 3) 09/22/1998
Radiation dosimetry	1) Dept. of Surgery, Johns Hopkins U. 2) Dept. Physiology, Johns Hopkins U. 3) National Institutes of Health	1) 1 2) 1 3) 2	1) 08/1987 2) 10/1990 3) 09/22/1998
Total Hours of Training: 22 Hrs.			

Classroom and Laboratory training, Teresa M. Gunn, Ph.D.:

Description of Training	Location of Training	Clock Hours	Dates of Training
Radiation physics and instrumentation	1) University of British Columbia 2) Cornell University	1) 1 2) 2	1) 1993 2) 2001
Radiation protection	1) University of British Columbia 2) Cornell University	1) 0.5 2) 1	1) 1993 2) 2001
Mathematics pertaining to the use and measurement of radioactivity	1) University of British Columbia 2) Cornell University	1) 1 2) 1	1) 1993 2) 2001
Radiation biology	1) University of British Columbia 2) Cornell University	1) 1 2) 2	1) 1993 2) 2001
Radiation dosimetry	1) University of British Columbia 2) Cornell University	1) 0.5 2) 1	1) 1993 2) 2001
Total Hours of Training: 11 Hrs.			

Torres, RobertoJ

From: John R. Bermingham, Jr. [jrbjr@po.mri.montana.edu]
Sent: Friday, June 18, 2010 12:03 PM
To: Torres, RobertoJ
Cc: Donovan, Larry; gac@po.mri.montana.edu
Subject: RE: license amendment
Attachments: MRI NRC license amendment 2010.pdf

Dear Dr. Torres,

Attached is a request to amend License #25-26973-01 for the McLaughlin Research Institute.

Thank you,

John R. Bermingham, Jr.

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John R. Bermingham, Jr.
Associate Professor
McLaughlin Research Institute
1520 23rd Street South
Great Falls, MT 59405
Tel: (406)454-6003
Fax: (406)454-6019
<http://www.montana.edu/wwwmri/>

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7-14-2010

DATE

This is to acknowledge the receipt of your letter/application dated 6-18-2010, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 593109.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,



Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03620
Status Code: Pending Amendment
Fee Category: 3M 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Reqd: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: MCLAUGHLIN RESEARCH INSTITUTE
Received Date: 07/09/2010
Docket Number: 3030962
Mail Control Number: 573109
License Number: 25-26973-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Celena Murnahan

Date: _____

7-09-2010

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / /)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment: _____

Renewal: _____

License: _____

3. OTHER _____

Signed: _____

Date: _____
