



PHYSICS ASSOCIATES, LLC

Lee S. Anthony, Ph.D.
Certified Health Physicist
Certified Medical Physicist
Certified Radiological Physicist
Lee S. Anthony, Jr., B.S.;M.A.
Terry Francisco, Admin. Assist.

5346 Peters Creek Road
Roanoke, Virginia 24019
Tel: (540) 563-0165
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LSAPA@aol.com

Nicholas Graham, M.S.
Robert C. Hudson, M.S.
Michael W. Olex, M.S.
Kay A. Saul, B.S.
Dan L. White, A.A.S.

NM183

February 12, 2008

United States Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

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REGION 1
2008 FEB 19 PM 12:59

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To Whom It May Concern:

As Radiation Safety Officer of Physics Associates, which holds NRC License No. 45-17344-01, I am requesting that Mr. Michael W. Olex be added as and alternate RSO and user under condition #12 of our license. Mr. Olex has passed Part 1 of his ABR Diagnostic Physics examination, and is currently a licensed Medical Physicist with the State of Texas. Enclosed is documentation of the above and a copy of his C.V.

Thank you for your review of this license amendment. Please contact this office for any further information you may need.

Sincerely,

Lee S. Anthony, Jr., B.S., M.A.
Physicist

141925



DIAGNOSTIC RADIOLOGY • RADIATION ONCOLOGY • RADIOLOGIC PHYSICS

Officers

Philip O. Alderson, M.D., President
N. Reed Dunnick, M.D., President-Elect
Beth A. Erickson, M.D., Secretary-Treasurer

September 17, 2007

Diagnostic Radiology

Philip O. Alderson, M.D.
New York, New York
Dennis M. Batte, M.D.
St. Louis, Missouri
Thomas H. Bergquist, M.D.
Jacksonville, Florida
George S. Bisset, M.D.
Durham, North Carolina
James P. Borgstedt, M.D.
Colorado Springs, Colorado
John K. Crowe, M.D.
Scottsdale, Arizona

N. Reed Dunnick, M.D.

Ann Arbor, Michigan
Glenn S. Forbes, M.D.
Rochester, Minnesota
Valerie P. Jackson, M.D.
Indianapolis, Indiana
Ella A. Kazemoff, M.D.
Ann Arbor, Michigan
Matthew A. Meuro, M.D.
Chapel Hill, North Carolina
Anthony V. Proto, M.D.
Richmond, Virginia
Anne C. Roberts, M.D.
La Jolla, California
Janet L. Sufe, M.D.
Cincinnati, Ohio
Douglas H. Yock, Jr., M.D.
Minneapolis, Minnesota

Radiation Oncology

K. Kian Ang, M.D., Ph.D.
Houston, Texas
Beth A. Erickson, M.D.
Milwaukee, Wisconsin
Bruce G. Haffty, M.D.
New Brunswick, New Jersey
Larry E. Kun, M.D.
Memphis, Tennessee
Christopher G. Willett, M.D.
Durham, North Carolina
Anthony L. Zietman, M.D.
Boston, Massachusetts

Radiologic Physics

G. Donald Frey, Ph.D.
Charleston, South Carolina
Geoffrey S. Ibbot, Ph.D.
Houston, Texas
Richard L. Morin, Ph.D.
Jacksonville, Florida

Michael William Olex, MS
Baylor University Med Ctr
Med Physics & Rad Safety
2625 Elm St., Suite 116
Dallas, TX 75226

P4017 / PD

Dear Mr. Olex:

Congratulations, the results of your Diagnostic Physics examination held in August 2007 are as follows:

Part 1: Clinical	Passed
Part 1: General Physics	Passed

To complete your examination you must still take Part 2, the Diagnostic Radiologic Physics examination. You will be notified of the next exam to which you are admissible.

Please notify us in writing immediately of any change of address.

Sincerely,

Robert R. Hattery, MD

Robert R. Hattery, M.D., Executive Director

Gary J. Becker, M.D., Associate Executive Director

Lawrence W. Davis, M.D., Associate Executive Director

Stephen R. Thomas, Ph.D., Associate Executive Director

Assistant Executive Directors: Primary Certification

Anthony V. Proto, M.D., Diagnostic Radiology

Bruce G. Haffty, M.D., Radiation Oncology

Richard L. Morin, Ph.D., Radiologic Physics

Assistant Executive Directors: Maintenance of Certification

James P. Borgstedt, M.D., Diagnostic Radiology

Larry E. Kun, M.D., Radiation Oncology

G. Donald Frey, Ph.D., Radiologic Physics

George S. Bisset, M.D., Subspecialty Certification

5441 E. WILLIAMS BOULEVARD, SUITE 200 · TUCSON, ARIZONA 85711-4493 · PHONE (520) 790-2900 · FAX (520) 790-3200

E-mail: information@theabr.org · website: www.theabr.org

License Verification

"License" means a license, certificate, registration, permit, or other form of authorization, including a renewal of the authorization, that: a person must obtain to practice or engage in a particular business, occupation, or profession; or a facility must obtain before a particular business, occupation, or profession is practiced or engaged in within the facility. A "License Rank" is the level of license; a "License Modifier" provides additional information on the scope of the license.

A license may have one or two statuses. The first status is normally "Current" which means the license is in good standing. If the first status is "Expired" or "Null and Void", or if either status shows "Inactive", the licensee may not practice in the profession and/or operate as a licensed business.

For more information regarding this license, including any disciplinary information displayed below, please contact the appropriate board or program office. A list of DSHS licensing board and programs may be found at: <http://www.dshs.state.tx.us/license.shtml> or click the link at the bottom of this page.

Press "Search Results" to return to the Search Results list.

Press "New Search Criteria" to do another search of this type.

Press "New Search" to start a new search.

License Number: TMP10037	Current Date: 01/17/2008 08:58 AM
Name:	OLEX, MICHAEL WILLIAM
License Rank:	Temporary Medical Physicist
License Status:	Current
Expiration Date:	01/31/2009
Effective Rank Date:	01/26/2007
Modifier(s):	Diagnostic Radiological Physicist Medical Nuclear Physicist

Addresses (for most license types, full address will not display)

Main Address	Address	DALLAS , TX DALLAS 75226 US
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Medical Physicist Supervisor

Your Role in this Relation:	Temporary MP	
Related Party Role:	Licensed MP	
Related Party Name	License Type	Address
BRUNER, ANGELA P.	Medical Physicist	DALLAS , TX DALLAS 75214 US



**Texas Board of Licensure for
Professional Medical Physicists**

DOES HEREBY CERTIFY THAT

Michael William Olex

meets the qualifications established in Texas Occupations Code, Chapter 602 to practice medical physics
and is authorized to employ the title

Temporary Licensed Medical Physicist

in the State of Texas, so long as this certificate is not revoked or suspended and is renewed according to
applicable law and rules.

Authorized for:

Diagnostic Radiological Physicist

License Number TMP10037

Effective 01/26/2007

INVALID WITHOUT CURRENT
RENEWAL CARD

Philip D. Bourland

Philip D. Bourland, Presiding Officer

Michael W Olex

MichaeOl@BaylorHealth.edu

Home:

Office: 214-820-8516

Education

Wake Forest University

*(Virginia Tech-Wake Forest School of Biomedical Engineering and Sciences (SBES)),
2005-2006*

Coursework in Biomedical Engineering, concentration in Medical Physics

Advisor: J Daniel Bourland, PhD, Department of Radiation Oncology

- Training in Gamma Knife and Treatment Planning Systems
- IMRT Dose Verification on Varian Accelerators on a weekly basis

*Virginia Commonwealth University/ Virginia Commonwealth University Health Systems
(Medical College of Virginia campus), 2003-2004*

M.S. in Applied Physics, concentration in Medical Physics

Advisor: Panos P. Fatouros, PhD, Chair, Radiation Physics and Biology, Department of Radiology

University of Virginia, 2002-2003

Graduate coursework used towards master's degree in advanced materials, applied mathematics, optics, and nuclear physics

Virginia Commonwealth University, 1998-2002

B.S. in Physics and Mathematics, concentration in Applied Mathematics

Awards and Honors

Wake Forest University Graduate Fellowship, 2005-2006

Virginia Commonwealth University, Graduate Teaching Assistantship, 2003-2004

Outstanding Physics Graduate Student, 2004

President, Student Physics Society, 2000-2002

Sigma Pi Sigma (Physics Honor Society), 2004

Professional Affiliations

American Association of Physicists in Medicine (AAPM)

Greater New York Health Physics Society

AAPM- Mid-Atlantic Chapter

International Society for Magnetic Resonance in Medicine (ISMRM)

Guest Member, AAPM, "TG-150: Acceptance and Performance Measures for Digital Radiographic Systems"

Research Interests

PERSONAL INFORMATION WAS REMOVED
BY NRC. NO COPY OF THIS INFORMATION
WAS RETAINED BY THE NRC.

- Medical Physics
- parallel MRI
- Perfusion (DCE-MRI) and Diffusion Tensor Imaging (DTI)
- MRSI stability and accuracy
- Use of MRI in radiation therapy treatment planning
- Multi-modality imaging
- Image segmentation algorithms
- Quality assurance of digital displays in diagnostic radiology

Professional Experience

2006-present

Texas Licensed Medical Physicist
Baylor University Medical Center

- Responsible for radiological physics testing of x-ray, fluoroscopic, MR and CT systems adherent to state laws
- Implemented new testing program for digital radiography systems

May 2004-July 2005

Junior Imaging Physicist
Lehigh Valley Hospital & Health Network

- Responsible for physics testing of x-ray, fluoroscopy, CT, PACS, MRI, and nuclear medicine
- Managed dosimetry system
- Developed several quality assurance programs including daily QA for CT and MRI
- Created semi-annual testing program for ultrasound

Research Experience

Doctoral Research, Department of Radiation Oncology, Wake Forest University, 2005-2006 (research advisor: Dr. J Daniel Bourland)

- Imaging in Radiation Oncology
- MR Perfusion and Spectroscopic Imaging of human brain tumors
- Uses of imaging in IMRT
- Small animal imaging for several MRI projects on Bruker 7.0T MRI
 - C6 tumor maturation
 - Uni-lateral hemispherical Gamma Knife treatment imaging
 - MRS tumor imaging

Masters Research, Department of Radiation Physics, Virginia Commonwealth University Health Systems, 2003-2004 (research advisor: Dr. Panos A. Fatouros)

- Development of an *in vivo* chemical basis set for use in magnetic resonance spectroscopy (MRS) for use with a 2.35 T Bruker MRI system

- Developed several software packages for use in image segmentation of Diffusion Tensor Imaging (DTI) data sets
- Analyzed patient MRS studies

Masters Research, Department of Physics, Virginia Commonwealth University, 2003
(research advisor: Dr. Alison A. Baski)

- Characterized FeAl surfaces using Scanning Tunneling Microscopy (STM) and Atomic Force Microscopy (AFM)
- Trained undergraduates on use of Conductive AFM

Undergraduate Summer Research, Department of Physics, Virginia Commonwealth University, 2002-2003 (research advisor: Dr. Alison A. Baski)

- Characterized SiO surfaces using Scanning Tunneling Microscopy (STM) and Atomic Force Microscopy (AFM)

Teaching Experience

Instructor, Baylor University Medical Center, 2006-current.

- Mathematics in Nuclear Medicine (Fall 2007)
- Medical Physics for Residents (Spring 2007)

Adjunct Faculty, Physics of Nuclear Medicine, Cedar Crest College, 2004.

- Developed course for nuclear medicine technology students on the physics of nuclear medicine

Graduate Teaching Assistant, University Physics, Virginia Commonwealth University, 2003-2004

- Sole responsibility for labs on classical mechanics and E&M
- Graded homework for courses

NYSP Summer Instructor, Virginia Commonwealth University, 2001

- Helped develop physics course for youth camp (ages 9 -16)

Publications and Presentations

Quantification of metabolites using LCMModel[®] on a 2.35T NMR system, 2005 VCU Graduate Research Symposium

Outreach Programs at VCU, 2001 American Association of Physics Teachers Meeting, Richmond, VA.

Computer Experience

Languages: C++, Java, Pascal, Mathematica, IDL, UNIX, Matlab, EPIC pulse programming

Environments: SGI Workstations, UNIX, IBM PC, Mac OS X

This is to acknowledge the receipt of your letter/application dated

2/12/2008, and to inform you that the initial processing which includes an administrative review has been performed.

APPEND. 45-17344-01 There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

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

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** 141925.
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You may call us on (610) 337-5398, or 337-5260.

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(6-96)

Sincerely,
Licensing Assistance Team Leader