

# **DUSTIN A. GRESS, MS, DABR**

Upstate Medical Physics, Inc.  
1290 Blossom Drive  
Victor, NY 14564  
[dusting@upstatemp.com](mailto:dusting@upstatemp.com)  
585-330-3281

## **Education, Licensure & Certification**

### **American Board of Radiology**

- **Certified Diagnostic Radiologic Physicist (DABR) – June, 2009**

### **State University of New York**

- **Licensed Diagnostic Medical Physicist – November, 2008**

### **University of Michigan – Ann Arbor, MI**

- **M.S.E. Nuclear Engineering and Radiological Sciences – April, 2005**
- **B.S.E. Nuclear Engineering and Radiological Sciences – December, 2003**

## **Work Experience**

### **Upstate Medical Physics, Inc. – Victor, NY**

#### **Diagnostic Medical Physicist, September 2004 – Present**

- Performed over 100 shielding designs for various modalities and circumstances
  - RF, DR, Cath Lab/Special Procedures, CT, Nuclear Imaging, PET, and PET-CT
  - Hospitals, imaging centers, emergency and radiology departments, new construction, renovation projects
- Qualified by FDA to perform Annual Mammography Physicist Surveys under MQSA regulations (1/25/06), including full field digital mammography (FFDM)
  - Performed hundreds of mammography surveys on units of all vintage and various manufacturers, including all approved FFDM manufacturers
  - Very familiar with MQSA and ACR MAP
- Proficient in medical physics surveys of radiographic and fluoroscopic equipment
  - Very familiar with CR and DR equipment of various manufacturers
- Proficient in medical physics surveys of CT imaging systems
  - Very familiar with ACR CTAP; participated in acquiring dose and image quality data for over 20 successful facility CTAP applications
- Proficient in medical physics surveys of MRI imaging systems
- Proficient with calculation of fetal dose due to diagnostic imaging procedures, including CT, radiography, and fluoroscopy
- Intimately familiar with several Radcal and Unfors radiation detection and measurement systems
- Well-developed multi-tasking and customer service skills, as required for employment with a high-volume consulting company

### **Landauer, Inc. – Glenwood, IL**

#### **Health Physics Intern, Summers 2003, 2004**

- Developed energy dependence curve for Landauer's current Al<sub>2</sub>O<sub>3</sub> dosimeter material at energies relevant to medical applications (presented at RSNA, 2003)
- Performed experiments to determine effect of humidity and moisture on alpha track etching
- Executed successful experiment to resolve cause of 12-15% over-response in Luxel dosimeters
- Responsible for testing of CR-39 AutoReaders, ultimately improving analysis quality

**DTE Energy – Newport, MI**

**Probabilistic Safety Assessment Intern, Fermi 2 Nuclear Power Plant, Summer 2002**

- Created complete database of electrical load dependencies for power plant
- Participated in and completed personnel training in Atomic and Nuclear Physics (applied to reactor operation), Probabilistic Safety Assessment, and Water Hammer

**Other Points  
of Interest**

- Member of Milnor Lodge #139 F & AM, Victor, NY (Raised May, 2005)
- University of Michigan Varsity Athlete: Track and Field (2-Year Letterwinner)
- University of Michigan Athletic Department Strength and Conditioning Intern
- Elected to Michigan Student Assembly as Rackham School of Graduate Studies Representative, Spring 2004
- Proficient with Microsoft Excel, Word, PowerPoint, PageMaker, Access, and SigmaPlot