

CURRICULUM VITAE
DAVID ALLEN EARL-GRAEF, MD
Clinical Chief Nuclear Medicine
Department of Radiology
The Carilion Clinic (retired)

Updated 8 Nov 2020

Personal:

Married, Natural Born US Citizen

Education:

Indiana University
Bloomington, IN 01/01/75 – 01/30/79 BA degree

Indiana University School of Medicine
635 Barnhill Drive
Indianapolis, IN 46202-5120
8/14/80 – 04/30/84 Doctor of Medicine degree

University of Illinois Internal Medicine Residency
611 West Park Street
Urbana, IL 61801
07/01/84 – 06/30/87

Nuclear Medicine Fellowship
Georgetown University Hospital
3800 Reservoir Road, NW #2005 Gorman
Washington, DC 20007 07/01/01 – 06/30/03

Board certifications:

American Board of Internal Medicine
09/01/1988

American Board of Nuclear Medicine
10/22/2003 and 10/2013

**Additional Specialized Certifications
& Training:**

USAF School of Aerospace Medicine – Certification as USAF
Flight Surgeon

USAF School of Aerospace Medicine – Certification for Hyperbarbic Medicine

US Army Academy of Health Sciences – Certification for Combat Casualty Care

Armed Forces Radiobiology Research Institute – Certification in Radiobiology of Nuclear Weapon Emissions

USAF School of Aerospace Medicine – Certification in Global/Tropical Medicine

USAF School of Aerospace Medicine – Certification in Aeromedical Flight Operations

US Army Medical Research Institute of Chemical Defense – Certification in the Management of Chemical and Biological Casualties

National Aeronautics and Space Administration (NASA) – Certification in Medical Operations for Space Shuttle support

Professional Experience:

July 1987 – August 1988 University Hospital
Indianapolis, IN Emergency/Trauma physician

September 1988 – January 1990 Deaconess Medical Center
Billings, MT Internal Medicine Locums physician

January 1990 – October 1991 N. Northern Wyoming Internal
Medicine, P.C., Internal Medicine Physician and President of
Corporation

October 1991 – August 1997 United States Air Force
Fairchild AFB, Spokane WA
Squadron Flight Surgeon/Internal Medicine Consultant

August 1997 – July 2001 United States Air Force
Ramstein Air Base, Germany
Chief, Aeromedical Evacuation Services, USAFE and Internal
Medicine Consultant to the USAFE Surgeon

July 2003- September 2007 Georgetown University Hospital
Washington D.C.
Director and Chief of Nuclear Medicine
Department of Radiology

November 2007-present The Carilion Clinic
Roanoke Va.
Clinical Chief of Nuclear Medicine
Department of Radiology

**Academic &
Teaching Appointments:**

Oct 2009-retired Oct 2015

**Assistant Prof Radiology
The Virginia Tech Carillion School of Medicine
Chief of Nuclear Medicine Molecular Imaging
Dept of Radiology
The Carillion Clinic
Roanoke, VA**

July 2003 –Sept 2009

Assistant Professor of Radiology
Division of Nuclear Medicine
Georgetown University Hospital
Washington, DC

July 2003- September 2007

Residency Director Nuclear Medicine and Course Director for
Georgetown University Medical Students on Rotation in Nuclear
Medicine

July 1984 – June 1987

Visiting Instructor, Internal Medicine
University of Illinois College of Medicine-UC
Urbana, IL

Georgetown University Radiology Department Awards:

Outstanding Clinical Services Award for the Introduction of
PET/CT Services 2005

Outstanding Teacher of the Year at the View box Award for 2007

Notable USAF Awards and Decorations:

Meritorious Service Award with 2 Oak Leaf Clusters
(Service as Chief of Aerospace Medicine Ramstein AFB,
Germany. Awarded for Personally directing the Aeromedical

Evacuation of injured from the Terrorist attacks on the USS Cole, Embassy bombings in Kenya and Tanzania Africa and terrorist attack on USAF installation in Dhahran Saudi Arabia. Personally directing the medical support for the POTUS during visits in theater.)

Outstanding Unit Award with "V" device indicating valor in the line of duty (Awarded for actions in the direct line of fire during shooting rampage at Fairchild AFB June 1994)

Academic Awards:

Sigma Pi Alpha Academic Society at Indiana University- Undergraduate

Marie Fletcher Academic Scholar Indiana University School of Medicine

Teaching Education

Active in the teaching mission of the Carilion Clinic Imaging services presenting didactic teaching sessions coupled with practical applications of imaging in Nuclear Medicine and PET/CT and general principles in imaging relevant to an outcome based clinic model.

As Director of the Nuclear Medicine Residency I was responsible for and provided curriculum development for both the Radiology Program and the Nuclear Medicine Program.

Developed the curriculum and gained approval and funding for the Georgetown University Hospital Fellowship in PET/CT. The first program of its type at Georgetown and one of the first in the US.

As Director of the Nuclear Medicine Residency program from July 2003 to September 2007 at Georgetown, in addition to daily teaching at the Radiology viewing stations, I was responsible for and provided weekly seminars to Residents, Fellows and Medical Students. These sessions involved in depth analysis of the Radiology/Medical literature and Clinical/Pathological correlative findings. I assigned specific reading topics to the Students and guided subsequent group discussions, critiqued student presentations and proctored specific investigative projects for the students. Several of these sessions resulted in publications for the Student.

As a fulltime faculty member I was responsible for giving a noon conference monthly attended by Faculty, Residents and Students.

I provided extensive Board review sessions for the Residents and initiated follow-up sessions to enhance the learning experience of the examination.

Invited Lectures

Introduction to Anatomic / Molecular Imaging Sept 2003
Grand Rounds, Department of Radiology, GUH

First Annual Nuclear Medicine Seminar 08 Oct. 2005
Review of Renal Dynamic Scintigraphy, Franklin Square Hospital, Baltimore MD

USN Applied Science in Nuclear Medicine Course 17 Sept. 2004
Introduction to Molecular Imaging and Hepabiliary, Scintigraphic Imaging
Bethesda MD

GUH Multidisciplinary Thoracic Oncology Conf. 29 Sept. 2005
“Can PET Predict Survival in NSCLC”, Washington, DC

GUH Dept of Pulmonary Medicine 1 June 2007
Update on PET/CT in NSCLC, GUH Washington DC

USUHS Presentation to 3rd year students
Introduction to Nuclear Medicine August 2007 and March 2006

Publications:

Positron Emission Tomography in the Diagnosis and Management of Giant Cell Arteritis: Szmodis M, Reba R, Earl-Graef D. Headache: The Journal of Head and Face Pain Volume 47 Issue 8 Page 1216-1219, September 2007

Publications Abstract:

EFFICACY OF CYBERKNIFE STEREOTACTIC
RADIOSURGERY WITH SYNCHRONYTM MOTION
TRACKING MODULE FOR TREATMENT OF
MALIGNANCIES IN THE THORAX Amit V. Patel,MD,Brian
Collins,MD,Shakun Malik,MDCarlos Jamis –Dow, MD, David
Earl-Graef ,MD Gregory Gagnon, MD and Eric Anderson, MD
Chest 128 (4):338S. (2005)

PET/CT-GUIDED INTERVENTIONAL PROCEDURES:
RATIONALE, JUSTIFICATION, INITIAL STUDY AND
RESEARCH PLAN. Int CARS (2007) 2 (Suppl 1): S146-S151
Kenneth Wong, Sara Petrillo, Filip Banovac, Joseph Rahil, Elliot
Levy, Raj Shekar, David Earl-Graef, Kevin Cleary

**Co- Investigator Protocols at Georgetown University :(please note the status of
these studies is not known)**

Phase II Study of Decitabine in Patients with Metastatic Papillary
Thyroid Cancer or Follicular Thyroid Cancer Unresponsive to
Radioiodine (NCI Protocol 5954) IRB # 03-248

Phase II Trial of Doxorubicin, Vincristine and Gemcitabine (AVG)
Chemotherapy for Non-Bulky Stage I and II Hodgkins Lymphoma
IRB #04-160

A Phase II Study of BAY 43-9006 in Patients with Metastatic
Thyroid Carcinoma IRB# 04-186

A Randomized Open-Label Trail Comparing Treatment with
Either Pegylated Liposomal Doxorubicin or Capecitabine as First
Line Chemotherapy for Metastatic Breast Cancer in women 65
Years of Age or Older (IRB 04-282)

Alzheimer's Disease Neuroimaging Initiative (ADNI)
(IRB 05-158)

A Phase III Trial of CHOP + Rituxmab vs CHOP I-131 labeled Monoclonal Antibody for treatment of Newly diagnosed Follicular Non-Hodgkin's Lymphoma (IRB 05-179)

Phase I Dose Escalation Study to Determine the Safety, Pharmacodynamics and Pharmacokinetics of BMS-582664 in Combination with Full Dose Erbitux in Patients with Advanced Colorectal Cancer who Have received No More than 2 Prior Regimens for Metastatic colorectal Cancer. (IRB 05-112)

Early Response Assessment in Patients with Diffuse Large B Cell Lymphoma Using F-18 FDG Tomography (FDG-PET) (IRB pend.)

Efficacy of Cyberknife Stereotactic Radiosurgery with Synchrony Motion Tracking Module Therapy for treatment of malignancies in the Thorax. (IRB pend.)

A Phase II Study of Lapatinib for Brain Metastases in Subjects with ErbB2-Positive Breast Cancer Following Trastuzumab-based Systemic Therapy and Cranial Radiotherapy. (IRB 2005-400)

A Phase II Trial of Rituximab + Oblimersen Sodium (Genasense, G3139, NSC #683428, IND # 58842) in Patients with Previously Untreated Follicular Non-Hodgkin Lymphoma (IRB 2006-154)

A Phase II Study to evaluate the safety and efficacy of Zevalin therapeutic regimen in patients with transformed CD20+ B-cell non-Hodgkin's lymphoma

Case Reports MedPix (as editor):

Osteoid Osteoma,
Teaching Case File No: 9621

Supraclavicular Brown Fat on F-18 FDG PET Scan, Teaching
Case File No: 6604

Staging non-small cell lung cancer,
Teaching Case File No: 5402

Likely metastasis of papillary thyroid cancer seen on F-18 FDG
PET scanning,
Teaching Case File No: 5329

Papillary thyroid carcinoma in the setting of Graves' disease,
Teaching Case File No: 4757

Subacute Thyroiditis,
Teaching Case File No: 4742

Professional Service:

Georgetown University Chairman Radiation Safety Committee
2004-2007

Georgetown University member Graduate Medical Education Committee
2003-2007

Carilion Clinic member Radiation Safety Committee