

HARVARD MEDICAL SCHOOL
Joint Program in Nuclear Medicine
 Didactic Curriculum

TITLE: **Computers in Nuclear Medicine 2007/2008**

INSTRUCTOR: [J. Anthony Parker](#)

- TEXTS:**
1. Society of Nuclear Medicine: Basic Science of Nuclear Medicine. CD ROM. SNM, 2001.
 2. Holman BL, Parker JA: Computer-assisted cardiac nuclear medicine. Little Brown, Boston, 1981.
 3. Royal HD, Parker JA, Holman BL: Basic principles of computers. in Sandler MP, Patton JA, Coleman RE, Gottschalk A, Wackers FJTh, Hoffer PB: Diagnostic Nuclear Medicine. Williams & Wilkins, Baltimore, 1996, pp 93-119
 4. J. Anthony Parker, MD PhD, Jerold W. Wallis, MD, James R. Halama, PhD, Charles V. Brown, MD, Trevor D. Craddock, PhD, Michael M. Graham, MD PhD, Elizabeth Wu, MLIS, Douglas J. Wagenaar, PhD, Gina L. Mammone, Robert A. Greenes, MD, B. Leonard Holman, MD: Collaboration using Internet for the Development of Case-based Teaching Files: Report of the Computer and Instrumentation Council Internet Focus Group. [J Nucl Med 1996; 37:178-184.](#)
 5. Larry Barbaras, BS, J. Anthony Parker, MD, PhD, Kevin J. Donohoe, MD, Gerald M. Kolodny, MD: The All-Digital Department Moves to the Web. [RSNA ej July/August, 1996.](#)
 6. B. Leonard Holman, MD, Gina L. Mammone, BS, Robert A. Greenes, MD, PhD, J. Anthony Parker, MD, PhD: BrighamRAD: An Approach to Education, Decision Support, Information Dissemination, and Collaboration via the World Wide Web. [RSNA ej July/August, 1996.](#)
 7. [Algorithms](#)

OBJECTIVES: The goal of the computer course is to demystify computer operation and to provide specific information relevant to the use of computers in nuclear medicine.

TIME: 8:00am - 9:00am

LOCATION: Beth Israel Deaconess Medical Center, Nuclear Medicine, east campus

PRIOR COURSES: [2001/2002](#), [2002/2003](#), [2003/2004](#), [2004/2005](#), [2005/2006](#), [2006/2007](#),

Date		Loc	Faculty	Topic	Assignment
Mon	12/10/07	BIDMC	Parker	Introduction	
Mon	12/17/07	BWH	Zimmerman	Where's the Data? Hollenberg Conf Room Thorn Building, 3rd Floor	
Fri	12/21/07	BIDMC	Barbaras	DICOM, HL7, IHE	
Wed	1/9/08	BIDMC	Parker	Hardware	
Wed	1/16/08	BIDMC	Donohoe	Powerpoint and Photoshop	
Wed	1/23/08	BIDMC	Pianykh	PACS	
Wed	1/30/08	BIDMC	Parker	Canceled	

Wed	2/6/08	BIDMC	Palmer	ImageProcessing	
Wed	2/13/08	BIDMC	Parker	Software	
Wed	2/20/08	BWH	Hainer	Computer Aspects of Nuclear Medicine / PET Imaging Hollenberg Conf Room Thorn Building, 3rd Floor	
Wed	2/27/08	BIDMC	Parker	Homework	Spreadsheet Assignment
Wed	3/5/08	CHB	Fahey	Registration	
Wed	3/12/08	BIDMC	Parker	Compartmental Analysis	
Wed	3/19/08	BIDMC	Parker	Homework	Mona Lisa Assignment HTML Assignment
Mon	3/31/08	BIDMC	Parker	Database 101	