As Chairman, I recognize the importance of increasing the participation of faculty and residents in research. By communicating the relevance of hypothesis-driven research activities, I hope to enhance the academic profile of our department within the institution and region, as well as among our peers at departments in top tier Academic Medical Centers. The intended goal is to attract, retain and stimulate well-rounded radiology faculty by creating an environment in which they will incorporate the scientific curiosity and rigor associated with research into their clinical care.

Investigations reported at the Fall 2004 SCARD meeting in Bethesda suggest that residents who write original reports have a high probability of pursuing a long-term academic career. We have a large and well-respected residency program, and I would like to not only maximize our resident research opportunities, but also to ensure that we are playing our part to populate academic radiology departments with future clinician-scientists. Without percentile participation by faculty in grant-supported research, we will be hard-pressed to achieve the longer term academic and specialty goals.

The 2003 Consensus Conference stated that top down support for research is necessary for a successful program. As such, I have created a staffing infrastructure to help make research happen. But none of this would be possible without radiologist, technologist and nursing support. We thank you all for your ongoing commitment and look forward to continued success.

The future of BMC Radiology Research

A word from our Chairman...

Spotlight on…. Dr. Stephan Anderson

Congratulations are due to 4th year resident Stephan Anderson for receiving the Summa Cum Laude award at the 2006 American Society of Emergency Radiology 2006 Annual Scientific Meeting on September 27, 2006 in Washington, DC.

Stephan presented the scientific exhibit 64MDCT: Imaging Manifestations and Clinical Implications of Active Extravasation in Trauma. This achievement highlights BMC Radiology’s prominent position in the field of Emergency Radiology research.

2006 RSNA Abstract Presentations

Congratulations to Faculty & Residents presenting at RSNA 2006!

Scientific Papers/Posters:

Drasin E - 64 MDCT Evaluation of Blunt Trauma: The Clinical Significance of Free Peritoneal Fluid in Males in the Absence of Identifiable Injury.
Date/Time: 11/26 @ 11:25 AM
Location: SSA22-05

Sakai O - Diffusion-weighted Imaging of the Parotid Glands in Patients with HIV Infection.
Date/Time: 11/28 @ 11:10 AM
Location: N228

Educational Exhibits:

Sakai O - Nasal Obstruction: Not Only Chronic Sinusitis

Reid B - Recognition of Unusual Ultrasound Presentations of Ectopic Pregnancy: A Comprehensive Overview

Dunfee B - Nuclear Medicine Case of the Day

NAME THE NEWSLETTER CONTEST:

Calling all creative minds! Our research newsletter needs a name so we’re having a contest to find one. A $100 Barnes & Nobles gift certificate is at stake. We invite you to submit up to three suggestions to Jacqueline Jordan-Gray by email: jacqueline.jordan@bmc.org. The deadline for submissions is Friday, December 1, 2006.

Keep an eye out for Diabetes patients!

With the leadership of Dr. Jarry Tkacz, the Radiology department just launched a new industry-sponsored research study to look at the comparative incidence of contrast-induced nephrotoxicity in patients with moderate-to-severe chronic renal failure and diabetes mellitus. Outpatients who consent to be in this study will be randomized to one of two IV contrast media: ISOVUE or VISIPAQUE. Please be on the lookout for diabetic outpatients who will receive $100 for their participation. For questions about enrollment, please page Jirair #3234.
Recent Publications


Research Scans for Clinical Departments

The Radiology Research Department also acts as an imaging service center to assist with research studies from 16 other departments @ BMC and BU. Many of these departments utilize imaging as an endpoint for their studies. To date, Radiology has helped to schedule, scan and complete research documents for 200 of these non-Radiology generated study subjects.

Incremental Research Scan Volume CY 2006 YTD

![Graph showing Incremental Research Scan Volume CY 2006 YTD](chart.png)

**Funded Research Projects with Radiology PIs**

<table>
<thead>
<tr>
<th>Study Name</th>
<th>Radiologist P.I.</th>
<th>Description of Study</th>
<th>Enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Berlex Gadovist</td>
<td>Barest</td>
<td>Phase II double-blind, randomized parallel group, dose comparison for highly suspected focal blood barrier disturbances</td>
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</tr>
<tr>
<td>GE Brain Attack</td>
<td>Norbash</td>
<td>Comparison of CTP &amp; MR Perfusion in stroke</td>
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<tr>
<td>GE VCT Sanchez</td>
<td>Sanchez</td>
<td>Evaluate Cardiac CTA for CAD v. CATH</td>
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<tr>
<td>GE Oral vs IV Soto</td>
<td>Soto</td>
<td>Evaluate only IV v. IV and oral contrast for non-acute abd pain in ED</td>
<td>283</td>
</tr>
<tr>
<td>Bracco DEPICT Soto</td>
<td>Detection of PE - Isovue vs. Visipaque</td>
<td>8</td>
<td></td>
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<tr>
<td>GE Virtual Colonoscopy Soto</td>
<td>Eval of GE CT Advantage Colonoscopy software</td>
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<tr>
<td>GE Multi-Trauma Soto</td>
<td>Addition of pelvic CT scan to detect pelvic extravasation</td>
<td>40</td>
<td></td>
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<tr>
<td>Bracco PREDICT Tkacz</td>
<td>Phase IV comparison of ISOVUE vs. VISIPAQUE in diabetics</td>
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</tbody>
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