Learning Medical Physics Requires Observing Medical Physics Universe Interacting With

Teaching Medical Physics Observing Medical Physics Universe Is Connecting and Guiding

The Elements of A Highly Effective Educational Session

The Brain Connection The Physical Universe (Physics of Medical Imaging) Teacher /Guide

“Window”
The Traditional Classroom
“A Box for Enclosing Students...”
And hiding them from the world about which they should learning.

Teaching Medical Physics
“Window”
Medical Physics Universe
Provide Window
Guide the Learning Process
Teacher must

Rich Classroom and Conference Learning Activities
Learning Facilitator
“Teacher”
Visuals
Representations of Reality
Organize and Guide the Learning Activity
Share Experience and Knowledge
Explain and Interpret What is Viewed
Motivate and Engage Learners
The Values We Hold

The PHYSICIST is the TEACHER

TECHNOLOGY is the TOOL that can be used for effective and efficient teaching.

Technology should be used to enhance human performance of both learners (residents, students, etc.) And teachers

Technology Enhanced Learning

Rich Classroom and Conference Learning Activities

Learning Facilitator “Teacher”

Organize and Guide the Learning Activity
Share Experience and Knowledge
Explain and Interpret What is Viewed
Motivate and Engage Learners
www.sprawls.org/PhysicsWindows

www.sprawls.org/resources

The Physical Principles of Medical Imaging

Online Textbooks
### Mammography Physics and Technology for Effective Clinical Imaging

**Perry Sproule, Ph.D.**

To step through modules, [CLICK HERE](#).

To go to a specific topic, click on it below:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Radiology</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Effect of Density</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Biological Effects</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Technique</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Physics</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Dosimetry</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Quality Assurance</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Imaging Characteristics</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Introduction</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Ultrasound</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Mammography</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sonography</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Computed Tomography</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Clinical Ultrasound</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
</tr>
</tbody>
</table>

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### Supporting Health Care and Medical Physics Around the World Through Collaborative Teaching

**The Model**

**Method**

**Results**

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### Sprawls Collaborative Teaching Network

_Live Visitor Map, July 25, 2016_
Supporting
Health Care and Medical Physics
Around the World Through
Collaborative Teaching

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