

Enhancing Medical Imaging Physics Education on a Global Basis with Shared Resources

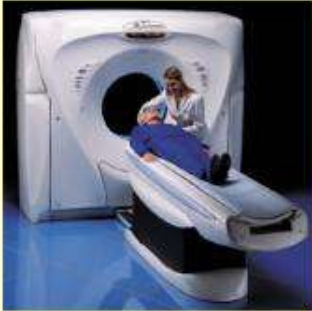


***Perry Sprawls, Ph.D.
Sprawls Educational Foundation***



<http://www.sprawls.org/resources>

***Enhancing Medical Imaging Physics Education
on a Global Basis with Shared Resources***

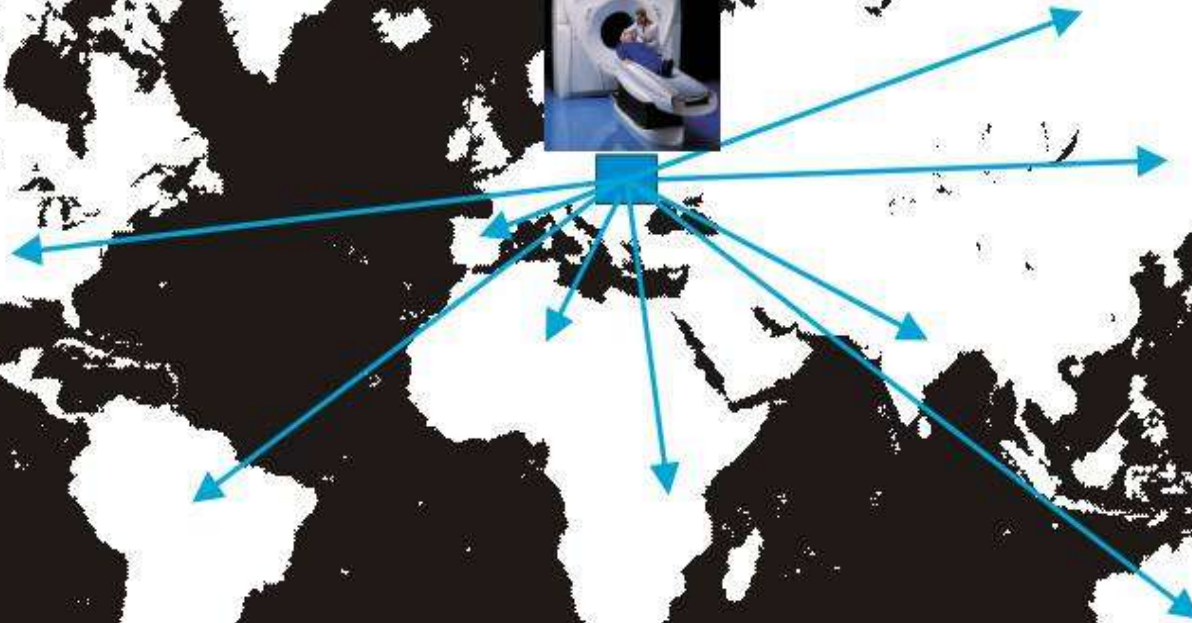


***The Educational Needs
Model and Methods
Results
Conclusions***

<http://www.sprawls.org/resources>

Geographic Dispersion

Imaging Technology



Effective Medical Imaging Physics Education

Goals & Objectives



Medical imaging professionals with a knowledge of physics that will enable them to perform clinically effective imaging procedures with managed risk to both patients and staff.

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Geographic Dispersion

Experience & Knowledge



Spreaads

Digital Resources to Enrich Learning Activities



**Textbooks
Modules**

Visuals

**Clinical
Images**

Modules

**References
Teaching Files**



Classroom



**Clinical
Conference**



**Small
Group**



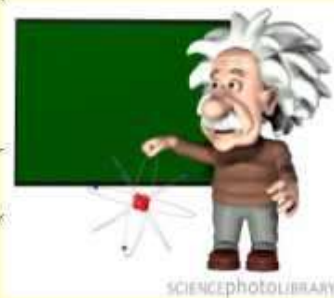
“Flying Solo”

Sprawls

The Model



**Modern
Medical Imaging**



**Clinical Medical
Physicist Educator**

Computer Tomography Image Characteristics

Spatial	Artifacts
Detail	Noise

Major Imaging Factors

Visuals

E-book

Modules

**Educational
Resources
available
on the web
(no cost)**

Class/Conference



**Individual
and
Small Group**

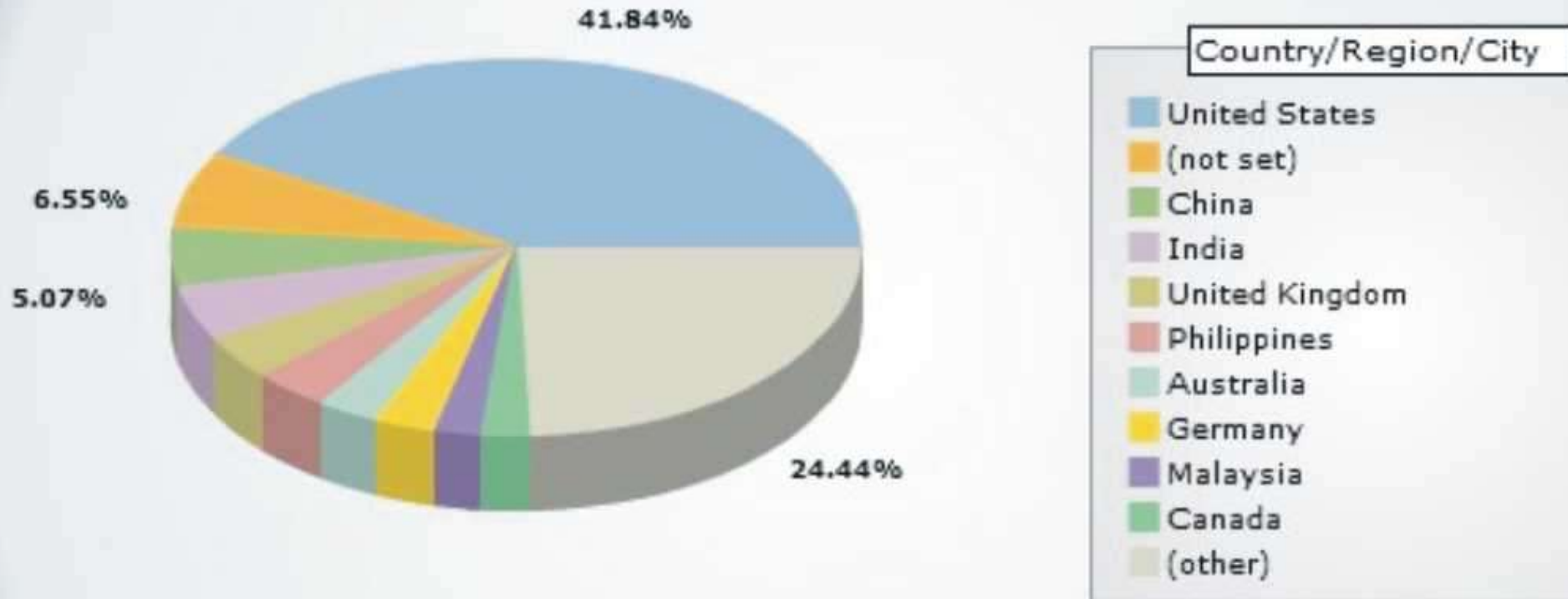


In Partnership with Other Medical Physics Teachers
to be More **Effective** and **Efficient** in Providing
Medical Imaging Education

Sprawls Resource Users

Week of July 17-23, 2012

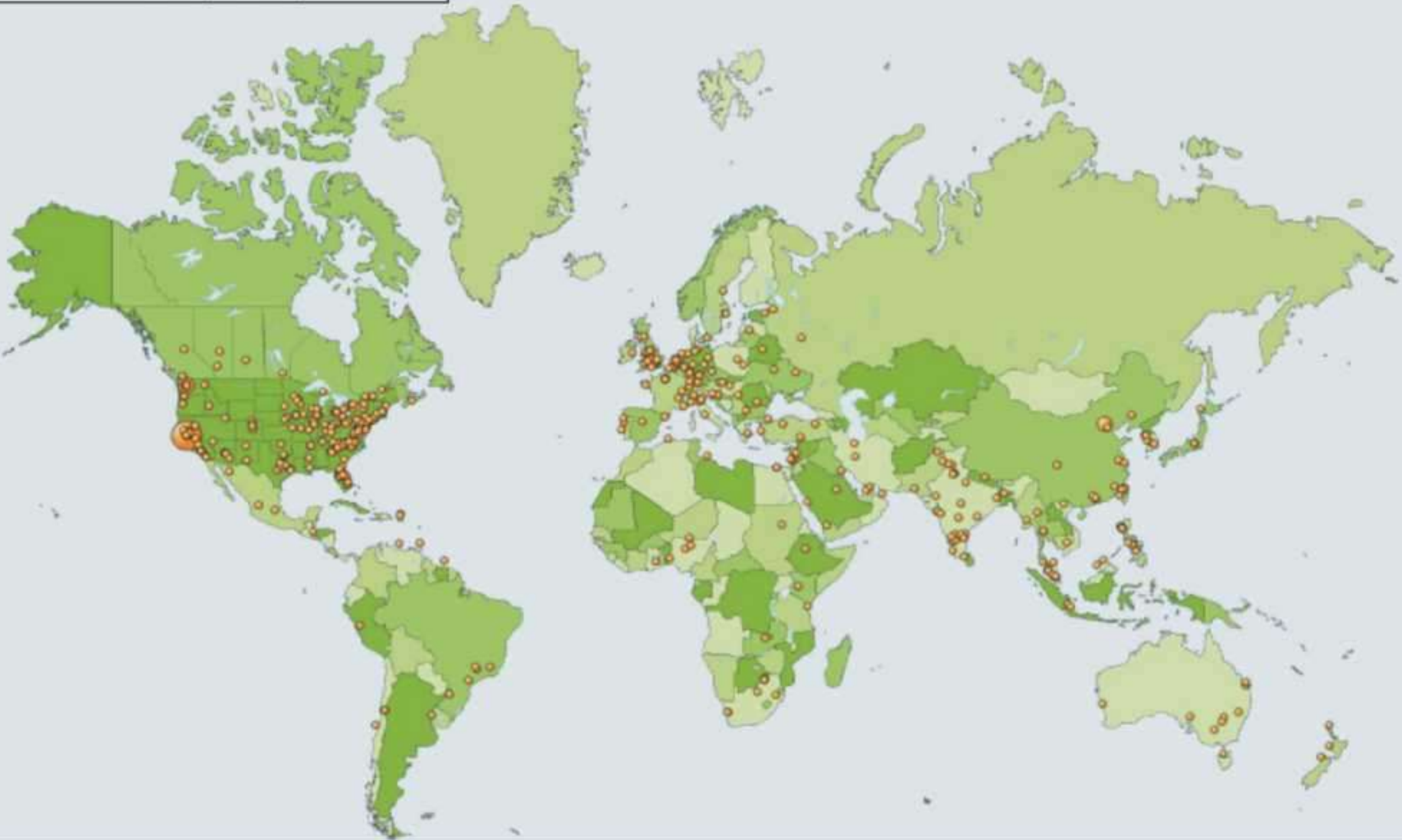
Top Countries



Sprawls Resource Users

Week of July 17-23, 2012

Geo Map Overlay



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