



You're invited to:

Medical Imaging: R&D Saving Lives

A luncheon briefing in conjunction with the House Research & Development Caucus

Thursday, November 17, 2011

12:00 p.m. - 1:30 p.m.

2168 Rayburn House Office Building (Gold Room)

The Optical Society ([OSA](http://osa.org)) invites you to a briefing to gain insight into how medical imaging is being used to better diagnose and treat a range of conditions, while offering perspective into where this technology is headed in the future.

Medical imaging helps to detect, diagnose and treat many life-threatening diseases at their earliest stages. Early detection, diagnosis and treatment reduce the need for invasive, in-patient procedures and repeat surgeries and facilitate shorter recovery times while also saving money and improving efficiency in the healthcare system. Many of the cutting-edge technologies being developed and used today originated from university laboratories through federal government spending.

The following experts will discuss current and future technologies related to medical imaging and give examples of how laboratory research has translated into successful start-up companies:

The Future of Healthcare with Optical Biomedical Imaging

Stephen A. Boppart, Ph.D.
Bliss Professor of Engineering
Beckman Institute for Advanced Science and Technology
University of Illinois at Urbana-Champaign

Optics in Eye Care

Joseph Izatt, Ph.D.
Professor
Department of Biomedical Engineering
Duke University

Optical Imaging of Coronary Artery Disease

Joseph Schmitt, Ph.D.
VP of R&D, Cardiovascular Division
Lightlab, St. Jude Medical

Moderator

Adam Zysk, Ph.D.
Senior Research Associate
Illinois Institute of Technology

**This briefing is free and open to the public. Lunch will be provided.
Please RSVP by November 15 to Sarah Cogan at scogan@osa.org or 202.416.1409.**

[OSA](http://osa.org) is a scientific professional society uniting more than 106,000 professionals from 134 countries, including Nobel Laureates, members of the National Academies of Science and Engineering, and other scientists, engineers, educators and business professionals engaged in the science of light, including medical imaging device manufacturing and R&D.