

# PREVENTING AND TREATING LIFE-THREATENING DISEASES: Dartmouth Faculty and Alumni Share Discoveries

**FRIDAY, SEPTEMBER 19**  
**2:00–4:00 PM**

James C. Chilcott Conference Center  
Auditorium G, Fourth Floor  
Dartmouth-Hitchcock Medical Center

Learn about promising developments in the research and treatment of cancer, diabetes, and tuberculosis with potential to improve global health.

This session is free and open to all. For information, contact the Office of Alumni Relations at (603) 653-0726 or [Geisel.Alumni.Relations@Dartmouth.edu](mailto:Geisel.Alumni.Relations@Dartmouth.edu).

From this event, attendees should be able to:

- Discuss research and current guidelines to prevent and treat Type 2 Diabetes;
- Identify new imaging tools and their application to the diagnosis and treatment of cancer;
- Discuss factors influencing research methodology in developing a tuberculosis vaccine, and the dynamics of implementing an international TB vaccine program;
- Explain the application of genetic markers to clinical care of select patient populations.

The Dartmouth-Hitchcock Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Dartmouth-Hitchcock Medical Center designates this live activity for a maximum of 1.25 *AMA PRA Category 1 Credits*.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.



## **DAR-901: The Dartmouth TB Vaccine**

Dartmouth begins a clinical trial of the first tuberculosis vaccine in 90 years to show protective effect in humans.

**C. Ford Von Reyn, MD, D'67, M'69**

*Professor of Medicine, Infectious Disease and International Health; Director, DarDar International Programs, Geisel School of Medicine at Dartmouth*



## **Interplay of Genetics and Smoking Increase Risks for Lung Cancer**

Research reveals genetic risk factors for both lung cancer development and smoking behavior.

**Christopher Amos, PhD**

*Professor of Community and Family Medicine, Professor of Genetics, Geisel School of Medicine at Dartmouth; Associate Director for Population Sciences, Norris Cotton Cancer Center*



## **New Imaging Tools for Detecting and Treating Cancers**

Engineering-medical collaborations yield advanced image-guidance tools for medical interventions.

**Brian Pogue, PhD**

*Professor of Engineering Science, Adjunct Professor of Physics and Astronomy, Dartmouth College; Adjunct Professor of Surgery, Geisel School of Medicine at Dartmouth*



## **An Update on the Prevention of Type 2 Diabetes: What Works?**

Exploring the causes of, and healthy lifestyle changes to prevent, this chronic disease.

**Edward Horton, MD, D'54, M'55**

*Professor of Medicine, Harvard Medical School; Senior Investigator, Joslin Diabetes Center*

GEISEL SCHOOL OF MEDICINE  
**REUNION**  
AT DARTMOUTH

[GeiselAlumni.org/Reunion2014](http://GeiselAlumni.org/Reunion2014)