



Illinois  
Science  
Council

**For Immediate Release**

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**“The BODY ELECTRIC”**

**A presentation on the science and technology behind  
Lightning, TASERS and Defibrillators**

(Chicago) - The [Illinois Science Council](http://www.IllinoisScience.org) presents a FREE program about electricity and the human body on **Monday, June 29, 2009** at **Lucky Strike Lanes**, 322 E. Illinois Street, Chicago, from **6:30 – 8:30pm**.

A panel of experts will give brief presentations on electricity and biology with specific attention to the science and technology behind lightning strikes, TASERS and heart defibrillators. Questions from the audience are welcomed.

Panelists will include:

- [Malcolm MacIver](#), PhD, Northwestern University, Departments of Biomedical Engineering and Mechanical Engineering
  - General overview of electricity and biology, giving an historical perspective and a discussion of electric eels.
- [Douglas Miller](#), EMT-P, MBA, Acute Care Education Systems, Inc.
  - The science and technology behind heart defibrillators
- [Mary Ann Cooper](#), MD, University of Illinois at Chicago, Department of Emergency Medicine
  - How do people survive lightning strikes? What does it do to their bodies?
- [Mark Kroll](#), PhD, TASER® International
  - How do *Tasers* actually work on the human body?

The event is free but space is limited. Arrive early to ensure a seat.

[The Illinois Science Council](http://www.IllinoisScience.org) is an independent nonprofit organization that increases awareness and appreciation of science and technology among adults through engaging public programs.

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