

# **Title: CS Unplugged Activities to Promote Computer Science**

**Abstract:** CS Unplugged is a set of hands-on activities that illustrate fundamental concepts in computer science without using a computer. These activities range from representing integers in binary to data compression to specifying instructions precisely enough so that a computer can execute them. The activities serve to promote computer science to people of all ages. They are especially popular among primary and secondary school students. In this workshop, we will learn what these activities are, what materials are needed, and devise ways to develop a "road show" that incorporates these activities.

**Donald Chinn** is an Associate Professor in the Institute of Technology at the University of Washington, Tacoma. His current research interests are in the area of computer science education. He is part of a group of university and community college instructors and staff in the Tacoma area that has developed a CS Unplugged road show for area community colleges and high schools.