Science Cabaret
First Tuesday of Every Month
Lost Dog Café, 222 Water Street, Binghamton NY
7:30 PM in the Violet Room
Door opens at 6PM for drinking, dining, and socializing before the event

Science Cabaret provides an evening of intellectual stimulation in an informal café setting. Scientists from all subject areas describe their work in terms that anyone can understand, with plenty of opportunity for questions from the audience!

Tuesday, October 4, 2011

Andrew Gallup
Princeton University

Visual Attention and Information Processing in Human Crowds

About the talk: Stop on a crowded city street and stare up at the sky, and other people will follow your gaze. Why do we follow each other’s gazes, and do other animals do the same? Can gaze following be used to monitor crowds for such things as terrorism? Andrew Gallup is studying these and other questions at Princeton University, using high-tech methods that involve monitoring motion and head direction of over 6000 pedestrians in natural crowds.

About the speaker: Andrew C. Gallup is Postdoctoral Research Associate in the Department of Ecology and Evolutionary Biology at Princeton University. He received a B.A. in Psychology from the University at Albany in 2007 and a Ph.D. in Ecology, Evolution and Behavior from Binghamton University in 2010. His research interests are in social and comparative psychology and collective animal behavior. He has conducted research on a wide range of topics, including gaze-following and information transfer, adolescent aggression and reproductive competition, handgrip and social dominance, neighborhood ecology and prosocial development, working memory performance, yawning and thermoregulation, social contagion and stress in parakeets, and sexual conflict and multilevel selection in water striders. He is currently an associate editor for the Journal of Social, Evolutionary and Cultural Psychology and a coordinator for the Integrated Behavioral Research Group at Princeton University. Andrew was born and raised in upstate New York.