David Abernathy (Ph.D., Geography, University of Washington) serves as Chair of the Department of Global Studies and Director of Educational Technology at Warren Wilson College in Asheville, NC. He has been teaching courses in Geographic Information Systems and Geography at Warren Wilson for the past ten years. From 2007–2010, he co-directed a biodiversity mapping and sensor network project for a conservation nonprofit in Panama (CREA–Conservation through Research, Education and Action). Funded by a $100,000 grant from the Panamanian Secretaría Nacional de Ciencia, Tecnología e Innovación, this project focused on the development of a comprehensive GIS database and a pilot wireless sensor network for the collection, monitoring and mapping of biodiversity data on the 1000-acre Cocobolo Nature Reserve in Central Panama. His current work focuses on environmental monitoring using arduino microcontrollers, inexpensive sensors and wireless radio communication. He also co-directs a new College-wide initiative called d_SPaCE: digital scholarship, pedagogy and collaborative education.