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TO: POTENTIAL PH.D. CANDIDATES INTERESTED IN THE PHYSIOLOGICAL ECOLOGY OF BATS

We seek one or two research students interested in developing projects within the framework of a research grant entitled "Do bats regulate cutaneous evaporative water loss? The possible role of the dermal lipids", awarded by the US-Israel Binational Science Foundation to Dr. Carmi Korine (BGU) and Prof. Joseph B. Williams (Ohio State University) in collaboration with Prof. Berry Pinshow (BGU). The research addresses questions concerning the influence of lipid composition in the skin on cutaneous water loss in several species of desert-dwelling bats at several levels: whole organism; tissue, biochemical and molecular, using cutting-edge techniques. Candidates should have a background in Physiology and Biochemistry and be computer literate. A background in Ecology and a strong interest in small animals are highly desirable. Interested candidates should contact, and send their CV to, Prof. Berry Pinshow (pinshow@bgu.ac.il) and visit the websites of the Albert Katz International School for Desert Studies (<http://cmsprod.bgu.ac.il/Eng/Units/bidr/AKIS.htm>) and the Kreitman School of Advanced Graduate Studies (http://cmsprod.bgu.ac.il/Eng/Units/kreitman_school/)

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"Nothing in biology makes sense, except in the light of evolution" Theodosius Dobzhansky

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