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Elizabeth A. Stanhope* (stanhope@clark.edu), 0615 SW Palatine Hill Road, Portland, OR 97219-7899, and **Emily Dryden, Jeanie Karns, Wai Chit Lam** and **Matt Lang**. *Spherical Superbowl? In Search of a Round Football.*

Is it possible for an (American) football to be round? A first reaction is: "Of course not! A football has two pointy ends!" So lets rephrase the question slightly. Is it possible for a football to have constant spherical curvature at all points except its sharp ends? We'll use the NCAA definition of a football and some calculus to answer this question. (Received September 20, 2007)