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**Kenneth C Millett\*** ([millett@math.ucsb.edu](mailto:millett@math.ucsb.edu)), Department of Mathematics, UCSB, Santa Barbara, CA 93106. *Knotting and Linking in Proteins*.

Since 2000, it has been widely understood that some proteins contain knots and, as a consequence, the geometrical and topological character of spatial structures has been of interest to mathematicians. Beginning with the ongoing characterization of knotting and the current study of linking, we will consider the underlying mathematics, the variety of knotting and linking that is encountered, and discuss a few of the more enticing current research directions. (Received September 14, 2017)