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ROCKVILLE, MD – The Biophysical Society is pleased to announce the recipients of its 2024 Society Awards. These awards are very competitive in nature and are intended to recognize Society members for excellence in biophysics. The winners will be honored at the Society's 68th Annual Meeting being held in Philadelphia, Pennsylvania from February 10-14, 2024. This year's awards recognize contributions in the areas of physical and creative science which has made outstanding

contributions to the understanding of lipid biophysics, putting them among the world leaders in the field of membrane biophysics.

[d Z î î î ð D \] Z o v < š Á Œ v Ç Œ z } μ v P / is Á v e r š t o P . μ š o } Œ D Z l o f t h e](#) European Molecular Biology Laboratory, for her profound contributions, both technical and biological, to the field of cryo-electron tomography.

[d Z î î î ð Œ } o Ç v / v y Z Á v š } } v is Á v e r š t o d l v Œ l o f J o h n s H o p k i n s U n i v e r s i t y](#), for his distinguished contributions at the interfaces of cell biology, chemical and synthetic biology, and biophysics particularly for technology development to enable actuation of native, as well as artificial, cell functions with biological and biophysical implications.

[d Z î î î ð & } μ v Á Œ Œ is g i v e n t o ^ š Á v ' X l o f S t a n f o r d U n i v e r s i t y](#), for his insightful and far-reaching contributions to biophysics using his invention of vibrational Stark spectroscopy coupled with mutational analysis and structure, to provide deep mechanistic understandings of photosynthetic reaction centers, fluorescent proteins, vesicle membrane fusion in self-assembling bilayers, as well as electric field effects in enzymes and proteins.

[d Z î î î ð W ^ Á Œ \] v š Z • } { } % Z Ç Z ~ is g i v e n t o E v Ç Œ Œ v e r b i l t U n i v e r s i t y](#), for her seminal and elegant work using biophysical approaches to define and characterize the Sodium/Iodide transporter that is essential for synthesizing thyroid hormone and then translating these findings into important medical applications.

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University of Melbourne, for her inspiring service to the Biophysical Society, her ambassadorship of biophysics internationally, and for working vigorously throughout her career to encourage greater participation of women at all levels in science and engineering.

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University of Illinois at Urbana-Champaign, for her exciting developments of single molecule measurement techniques, and their application to chemical and b