

Speaker Profile

<p>Contact Details</p> <p>Organization Name: National Institute of Biomedical Imaging and Bioengineering, National Institutes of Health, U.S. Department of Health and Human Services</p> <p>Address: 6707 Democracy Blvd., Suite 200, MSC-5477</p> <p>Town: Bethesda, MD</p> <p>County: USA</p> <p>Postcode: 20892-5477</p> <p>Phone: (301) 451-4774</p> <p>Fax: (301) 480-1614</p> <p>Email: hendersonlori@mail.nih.gov</p> <p>Website: http://www.nih.gov and http://www.nibib.nih.gov</p>	<p>Dr. Lori A. Henderson</p> <p>Program Director National Institute of Biomedical Imaging and Bioengineering, National Institutes of Health</p> <p>Dr. Henderson is a Program Director within the Division of Discovery Science and Technology at the National Institute of Biomedical Imaging and Bioengineering (NIBIB), National Institutes of Health. Dr. Henderson is one of four NIH representatives that serve on the Nanoscale Science, Engineering, and Technology Subcommittee in addition to the trans-NIH NanoTask Force committee. She manages the NIBIB <i>nanotechnology initiatives</i> as well as research grants within three NIBIB scientific programs: <i>the Drug and Gene Delivery, Medical Devices, and Biomaterials Program</i>. Prior to this, Dr. Henderson was a Group Leader of the Biomaterials Group within the Polymers Division at the National Institute of Standards and Technology (NIST). The Biomaterials Group provides basic materials science, engineering, test methods, and standards to sectors of the health care industry for the development of new or improved materials and delivery systems, with a strong emphasis on tissue engineering and related technologies. Before joining NIST, Dr. Henderson worked in industry for more than 15 years. She was a senior scientist, global project leader, and research supervisor at Novozymes North America, BASF, and Akzo Nobel.</p> <p>Dr. Henderson received her B.S. from Marygrove College in Chemistry, M.S. from University of Detroit in Macromolecular Chemistry, and latter a M.S. in Organic Chemistry and Ph.D. in Polymer Science from University of Massachusetts, Lowell. Her technical expertise in materials science and biotechnology encompasses technologies related to synthetic polymer chemistry, molecular biology, protein chemistry, microbial interactions, and applied enzymology. She received the 2001 Presidential Green Chemistry Award and several federal grants on innovative technologies directed at U.S. DOE and DOD initiatives.</p>
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