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<b>Position:</b>	Staff Scientist
<b>Previous Positions:</b>	Research Scientist, LBNL, 2007 – 2019 Graduate Research Assistant, Florida State University, 2003 - 2007
<b>Education:</b>	Ph.D. Florida State University, 2008
<b>Research Interests/Areas of Expertise:</b>	Superconducting magnets for accelerator and fusion applications
<b>Publications:</b>	<p><i>Guidance force in an infinitely long superconductor and permanent magnetic guideway system.</i> (with Z. Ren, H. Song, X. Z. Wang, J. Zheng, S. Wang, J. Wang, and Y. Zhao) Superconductor Science and Technology, <a href="#">2004</a>.</p> <p><i>Near-adiabatic quench experiments on short <math>YBa_2Cu_3O_{7-\delta}</math> coated conductors.</i> (with U. P. Trociewitz, and J. Schwartz) Journal of Applied Physics, <a href="#">2007</a>.</p> <p><i>Multipoles induced by inter-strand coupling currents in LARP <math>Nb_3Sn</math> quadrupoles.</i> (with G. Ambrosio, F. Borgnolutti, M. Buehler, G. Chlachidze, D.R. Dietderich, J. DiMarco, H. Felice, P. Ferracin, A Ghosh, A Godeke, M. Marchevsky, D. Orris, S.O. Prestemon, G. Sabbi, C. Sylvester, M. Tartaglia, E. Todesco, G. Velez, and P. Wanderer) IEEE Transactions on Applied Superconductivity, <a href="#">2014</a>.</p> <p><i>A viable dipole magnet concept with REBCO CORC® wires and further development needs for high-field magnet applications.</i> (with S. Caspi, D. R. Dietderich, W. B. Giorso, S. A. Gourlay, H. C. Higley, A. Lin, S. O. Prestemon, D. van der Laan, and J. D. Weiss) Superconductor Science and Technology, <a href="#">2018</a>.</p> <p><i>Dipole magnets above 20 Tesla: research needs for a path via high-temperature superconducting REBCO conductors.</i> (with Stephen A. Gourlay and Soren O. Prestemon) Instruments, <a href="#">2019</a>.</p> <p><a href="#">google scholar profile</a>, <a href="#">orcid</a></p>
<b>Approximate Number of Years in Applied Superconductivity:</b>	20
<b>Membership in Professional Societies:</b>	IEEE American Physical Society American Nuclear Society
<b>Previous ASC Service:</b>	Session moderator and technical editor
<b>Service to Related Conferences:</b>	Session moderator and technical editor at International Conference on Magnet Technology