

**FUSION ENERGY SCIENCES ADVISORY COMMITTEE  
2021-2024 Membership**

Professor Troy Carter  
Department of Physics and Astronomy  
University of California, Los Angeles  
430 Portola Plaza  
Los Angeles, California 90095-1547  
Phone: 310-825-4770  
Email: [tcarter@physics.ucla.edu](mailto:tcarter@physics.ucla.edu)

Dr. Stephanie Hansen  
Research Physicist  
Sandia National Laboratories  
Org. 1684, Radiation & ICF Target Design  
P.O. Box 5800, MS 1186  
Albuquerque, New Mexico 87185-1186  
Phone: 505-227-4386  
Email: [sbhase@sandia.gov](mailto:sbhase@sandia.gov)

Dr. Paul Humrickhouse  
Fusion Safety Program Lead  
Idaho National Laboratory  
P.O. Box 1625  
MS 3870  
Idaho Falls, Idaho 83415  
Phone: 208-357-6316  
Email: [paul.humrickhouse@inl.gov](mailto:paul.humrickhouse@inl.gov)

Dr. Ralph Izzo  
Chairman, President, and CEO  
Public Service Enterprise Group, Inc.  
80 Park Plaza, T4  
Newark, New Jersey 07102  
Phone: 973-430-6448  
Email: [Ralph.Izzo@pseg.com](mailto:Ralph.Izzo@pseg.com)

Dr. Charles Kessel  
Program Leader for Fusion Energy  
Systems Studies  
Oak Ridge National Laboratory  
Oak Ridge, Tennessee 37831-6169  
Phone: 865-576-5321  
Email: [kesselce@ornl.gov](mailto:kesselce@ornl.gov)

Professor Stephen Knowlton  
Professor Emeritus  
Auburn University  
160 White Rock Dr. #2  
Montpelier, Vermont 05602  
Phone: 802-223-2230  
Email: [knowlsf@auburn.edu](mailto:knowlsf@auburn.edu)

Professor Carolyn Kuranz  
Department of Nuclear Engineering and  
Radiological Sciences  
University of Michigan  
2911 Cooley Building  
Ann Arbor, Michigan 48109  
Phone: 734-764-4260  
Email: [ckuranz@umich.edu](mailto:ckuranz@umich.edu)

Dr. Tammy Ma  
X-Ray Analysis Group Lead for ICF  
Lawrence Livermore National Laboratory  
Livermore, California 94550  
Phone: 925-423-8902  
Email: [ma8@llnl.gov](mailto:ma8@llnl.gov)

Dr. Richard Magee  
Lead Scientist  
TAE Technologies  
P.O. Box 7010  
Rancho Santa Margarita, California  
92688  
Phone: 949-652-1494  
Email: [RMagee@tae.com](mailto:RMagee@tae.com)

Dr. Rajesh Maingi  
Head of Edge Plasma and PFC Research  
Princeton Plasma Physics Laboratory  
MS 34, Room B264  
P.O. Box 451  
Princeton, New Jersey 08543-0451  
Phone: 609-243-3176  
Email: [rmaingi@pppl.gov](mailto:rmaingi@pppl.gov)

Professor Lorin Matthews  
Baylor University  
Associate Director, CASPER  
One Bear Place #97316  
Waco, Texas 76798-7316  
Phone: 254-710-2279  
Email: [Lorin\\_Matthews@baylor.edu](mailto:Lorin_Matthews@baylor.edu)

Dr. Simona Murph  
Fellow Scientist and LDRD Program  
Manager Select  
Savannah River National Laboratory  
Savannah River Site  
Aiken, South Carolina 29808  
Phone: (803) 646-6761  
Email: [Simona.Murph@srnl.doe.gov](mailto:Simona.Murph@srnl.doe.gov)

Professor Scott Parker  
Department of Physics  
University of Colorado  
390 UCB  
Boulder, Colorado 80309  
Phone: 303-492-3292  
Email: [sparker@Colorado.edu](mailto:sparker@Colorado.edu)

Professor Thomas Sunn Pedersen  
University of Greifswald  
Director of Stellarator Edge and Divertor  
Physics, Head of W7-X Diagnostics  
Max-Planck Institute of Plasma Physics  
Wendelsteinstraße 1, 17491  
Greifswald, Germany  
Phone: 49 (0)3834 882006  
Email: [tspe@ipp.mpg.de](mailto:tspe@ipp.mpg.de)

Dr. Donald Rej  
Active Affiliate  
Office of the Deputy Laboratory  
Director for Science, Technology,  
and Engineering  
Los Alamos National Laboratory  
P.O Box 1663  
Los Alamos, New Mexico 87545  
Phone: 505-699-0446  
Email: [drej@lanl.gov](mailto:drej@lanl.gov)

Dr. Susana Reyes  
LCLS-II High Energy Project Manager  
SLAC National Accelerator Laboratory  
2575 Sand Hill Road, Mailstop 54  
Menlo Park, California 94025  
Phone: 415-350-3153  
Email: [reyes@slac.stanford.edu](mailto:reyes@slac.stanford.edu)

Professor Fred Skiff  
Chair of the Department of Physics  
University of Iowa  
504 Allen Hall  
Iowa City, Iowa 52242  
Phone: 319-335-0564  
Email: [Frederick-skiff@uiowa.edu](mailto:Frederick-skiff@uiowa.edu)

Dr. Philip Snyder  
Section Head of Burning Plasma  
Foundations  
Fusion Energy Division  
Oak Ridge National Laboratory  
Oak Ridge, Tennessee 37831-6169  
Phone: 865-341-1612  
Email: [snyderpb@ornl.gov](mailto:snyderpb@ornl.gov)

Professor Paul Terry  
Department of Physics  
University of Wisconsin-Madison  
1150 University Avenue  
Madison, Wisconsin 53706  
Phone: 608-263-0487  
Email: [pwterry@wisc.edu](mailto:pwterry@wisc.edu)

Professor Mitchell Walker  
School of Aerospace Engineering  
Georgia Institute of Technology  
Guggenheim Room 449  
270 Ferst Drive  
Atlanta, Georgia 30332  
Phone: 404-385-2757  
Email: [mitchell.walker@ae.gatech.edu](mailto:mitchell.walker@ae.gatech.edu)

Professor Anne White, **Chair**  
Head, Nuclear Science  
and Engineering Department  
School of Engineering Distinguished  
Professor of Engineering  
Massachusetts Institute of Technology  
77 Massachusetts Ave, 24-107  
Cambridge, Massachusetts 02139  
Phone: 617-253-8667  
Email: [whitea@mit.edu](mailto:whitea@mit.edu)

Dr. Denise Hinkel  
**American Physical Society**  
**Division of Plasma Physics**  
ICF Design and Plasma Theory Group  
Leader  
Lawrence Livermore National Laboratory  
7000 East Avenue  
Livermore, CA 94550  
Phone: 925-423-2626  
Email: [hinkel1@llnl.gov](mailto:hinkel1@llnl.gov)

Professor Brian Wirth  
Governor's Chair Professor  
Department of Nuclear Engineering  
University of Tennessee  
303 Pasqua Engineering Building  
1004 Estabrook Road  
Knoxville, Tennessee 37996-2300  
Phone: 865-974-2554  
Email: [bdwirth@utk.edu](mailto:bdwirth@utk.edu)

### **Ex-Officio Members**

Professor John Verboncoeur  
**Institute of Electrical and Electronics**  
**Engineers – Nuclear and Plasma**  
**Sciences Society**  
Immediate Past President, IEEE-NPSS  
Associate Dean for Research and Graduate  
Studies  
College of Engineering  
Michigan State University  
3410 Engineering Building  
428 South Shaw Lane  
East Lansing, Michigan 48824-1226  
Phone: 517-355-5133  
Email: [johnv@msu.edu](mailto:johnv@msu.edu)

Professor Paul Wilson  
**American Nuclear Society**  
**Fusion Energy Division**  
Grainger Professor of Nuclear Engineering  
University of Wisconsin-Madison  
1500 Engineering Drive  
Madison, Wisconsin 53706  
Phone: 608-263-0807  
Email: [paul.wilson@wisc.edu](mailto:paul.wilson@wisc.edu)