

Ani Aprahamian

Frank M. Freimann Professor of Physics



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Education

Postdoctoral Fellowship	Nuclear Chemistry Division, Lawrence Livermore National Laboratory
Ph.D.	Clark University, Worcester, Massachusetts 1986
B.A.	Clark University, Worcester, Massachusetts 1980

Experience (recent)

2017	co-Chair of National Academies Committee on the "EIC"
2015-present	U.S. Liaison for the International Union of Pure and Applied Physics (IUPAP) Commission on Nuclear Science (C-12)
2015-present	Member of IUPAP Working Group-10 on Astro-Particle Physics (APpic)
2014	Chair of American Institute of Physics, "Physics Today" Ad. Board
2014	Chair of the APS Division of Nuclear Physics
2014	Member of Nuclear Science Advisory Committee
2010	Vice-Chair of National Academies Decadal Survey of Nuclear Physics (NP2010)
2010-present	Member of Board of Directors for South Dakota Science and Technology Authority (Sanford Underground Laboratory)
2008-2010	Co-Chair of NSAC subcommittee on Isotope Production and Applications
2006-2010	Chair of Scientific Council of GANIL (Caen, France)
2006-2008	Program Director for Nuclear Physics and Particle & Nuclear Astrophysics at the National Science Foundation

Honors, Awards, and Professional Memberships

Fellow	Elected Fellow of Science Academy of Republic of Armenia, 2009 Elected Fellow of the AAAS, 2008 Elected Fellow of the American Physical Society, 1999
Member	AAAS, ACS, APS, Sigma Xi, New York Academy of Science,
Outstanding Referee	American Physical Society, 2016
Women Lead at ND	Recognized for leadership for International Women's Day, 2016

Scientific Advisory Committees

JINA-CEE	International Advisory Committee
NNSA	Center of Excellence for Stockpile Stewardship, 2015-2018
JINA	International Advisory Committee, 2012-2015.
	Review of Physics in the United Kingdom by the IOP, 2011-2012.
	Science Advisory Board for Alikhanian National Laboratory, Republic of Armenia, 2011
FRIB	Facility for Rare Isotope Beams- Science Advisory Committee (2009-present).
GSI	JINA representative to the EMMI Helmholtz Alliance to study "Extremes of Density and Temperature: Cosmic Matter in the Universe", Germany (2007-present).
GANIL	Chair of scientific council, Caen, France (2007-2011).
ISTC Collaboration with Armenia: 2006-2011	"Radiological Characterization and Database Creation in Support of ANPP Decommissioning Planning"

National Academies

- Co-Chair, NRC committee to study the science of the EIC**
- Vice-Chair, NRC committee for decadal survey of Nuclear Physics 2010, (2010-2012)**
- NRC Committee on **Smaller Facilities**, 2003-2005.

Nuclear Science Advisory Committee

- Ex-officio member of NSAC as the chair of the Division of Nuclear Physics (APS-DNP), 2014-2016
- Co-chair, NSAC Subcommittee on Isotope Production and Applications, 2008-2010

American Physical Society

- Appointed to Physics Policy Committee of the APS Jan. 1, 2013-Dec. 31, 2015**
- "Physics Today" Advisory Committee 2011-2012, 2012-2015**
- "Physics Today" Advisory Committee Chair, 2015**
- Hans Bethe prize Committee chair, 2014**
- Committee on Informing the Public, 2010-2012**
- Forum on International Physics: Nomination Committee, 2010**
- Chair of DNP, 2014, 2015**
- Chair of Mentoring Award Committee, 2010, 2011, 2014**
- Chair of Dissertation Selection Committee, 2014**
- Program Committee Chair (2012,2013)**
- Elected as VICE-Chair, APS Div. of Nucl. Phys., 2012**
- Hans-Bethe Award Selection Committee (2012,2013,2014)**
- Program Committee (2012-2013)**
- Fellowship Committee, 2008-2010**

Professor Aprahamian has over 200 invited talks at various National and International Conferences and over 200 publications in refereed journals, book chapters, etc. She is active in numerous international and national advisory committees in nuclear science. She is the JINA representative to EMMI (Extreme Matter Institute: Helmholtz Center of Excellence) at GSI. She has served as chair of the scientific council at GANIL in France and as reviewer for the Institute of Physics in the UK.