

Biographical Information for 2020 ASA Election Candidates

For President Elect – Maureen L. Stone



Positive Objectives Statement

As president, my priorities would be to facilitate our strategic plan, ensure our financial security, and be receptive to new developments. Our finances are healthy. I have been on the Finance Committee for 3 years and can report that we are financially stable. Our investments and JASA are both strong. Our budgeting process may need additional organization and clarity, which our new Treasurer and Finance Director have started to address. Moving forward, we need to assure financial viability and improved transparency. I intend these goals to be hallmarks of my time as president. I also want to promote the new Strategic Plan, which will make ASA cutting edge in every respect, from increasing the public's awareness of our mission and passion for acoustics, to ensuring our recognition as the pre-eminent society for acoustics policy and expertise. We need to make active participation in ASA more rewarding and exciting in a world that is exploding with information. In sum, ASA leadership and the Executive Council are strong and the ASA

membership is primed to do great things. I want to listen to both and provide them with the support and resources that will help them rise to even greater heights.

Professional Experience

- University of Maryland: School of Dentistry, Department of Neural and Pain Sciences and Department of Orthodontics and Pediatrics, 2001-present; Dental School, Vocal Tract Visualization Laboratory, Director, 2001-present; Medical School, Vocal Tract Visualization Laboratory, Director, 1995-2001; School of Medicine, Department of Surgery, Professor, 1997-2001, Associate Professor, 1995-1997; Speech and Voice Pathology Program, Director, 1995-2001; Department of Hearing and Speech Sciences: NIDR Grant on Speech Adaptation, Research Associate, 1979-81, HESP 403: Phonetics, HESP 714, Physiological Phonetics, Recurrent Instructor, 1979-1991, NIH, Independent Study in Research Methods, Supervisor at NIH, 1982-1991, Adjunct Faculty, 1998-2005
- Johns Hopkins University: Vocal Tract Visualization Laboratory, Director 1992-1995; Dept. of Cognitive Science, Adjunct Faculty, 1995-2010; Center for Language and Speech Processing, Assistant Director, 1994-1995; Department of Electrical and Computer Engineering and Dept. of Cognitive Science, Research Scientist, 1991-1995
- National Institutes of Health, Department of Rehabilitation Medicine: Speech Pathologist/Research Scientist, 1982-1985; Speech Pathology Section, Deputy Chief for Research, 1985-1991

Highest Academic Degree

- Ph.D., 1979, University of Maryland, Speech Science

Society Elected Offices

- Member, Executive Council, 2011-2014

Society Awards and Service

- Fellow, 1993
- Technical Committees: Speech Communication, 1987-2007, 2013-2016, (Chair, 2004-2007)
- Administrative Committees: Audit, 2011-2014, (Chair, 2013-2014); External Affairs, 2012-2014, (Chair, 2013-2014); Finance, 2017-present; Internal Affairs, 2011-2012; Membership, 1996-2002; Public Relations, 1994-1996;
- Nominating, 1993, 2002, 2007; Stetson Selection, 2008; Strategic Plan, 2015; Task Force 4-Finances, 2016-2018; Video, 1992-1997
- Technical Program Organizing Meeting: 1990, 1995, 2007, 2009

Other Professional Activities

- "Ultrasound Images of Tongue Movement During Speech." Videotape selected for use in television series "A Question of Language" produced by Canadian and British television, aired on U.S. Public Television, 1991
- Associate Editor, Journal of Speech, Language, Hearing Association, 1997-present
- Grant reviewer, various NIH Study Sections and Special Emphasis panels, 1993-present
- Ultrasound and MRI images of tongue motion, displayed in an exhibit about speech in The Science Museum, London, UK, June 2000
- First Annual Willard R. Zemlin Award. Cash award and Keynote speech "Anatomy and Physiology 2000." Awarded at special session of the Annual Convention of the American Speech Language Hearing Association, Washington, D.C., November 16, 2000
- Joliot Professor, Ecole Supérieure de Physique et de Chimie Industrielles (ESPCI), Paris, France, October 2007, May 2011, September 2011, March 2012, April 2013, April 2015

For President Elect – Michelle C. Vigeant



Positive Objectives Statement

Drawing upon my experiences from serving on ASA's Executive Council (EC) and several other committees, I believe I am well-suited to serve as your next President. I consider ASA to be my professional home and would be truly honored to serve the society in this role. For the last several years, ASA leadership has focused on successfully advancing the society through a number of strategic initiatives, which include increased educational outreach and financial stewardship. As president, my priorities, which are aligned with the current priorities, are to: (1) improve financial stability: ASA's primary source of income is JASA and ASA's primary expense is meeting costs. Additional sources of income are needed to continue to grow the society. One possibility is to solicit more support from industry, e.g., approach companies to sponsor a portion of the evening socials at the meetings; (2) augment transparency and member engagement: educate members about how ASA works to foster increased membership participation in the society's many committees and current strategic efforts, and (3) increase early career membership: grow the value proposition of ASA to early career professionals and their employers by offering increased networking opportunities and the creation of an early career council.

Professional Experience

- Pennsylvania State University, Associate Professor of Acoustics and Architectural Engineering, 2018-present; Assistant Professor of Acoustics and Architectural Engineering, 2012-2018
- Univ. of Hartford, Assistant Professor of Mechanical Engineering, 2008-2012

Highest Academic Degree

- Ph.D., 2008, Univ. of Nebraska-Lincoln, Architectural Engineering, focus in Acoustics

Society Elected Offices

- Member, Executive Council, 2017-present

Society Awards and Service

- Technical Committees: Architectural Acoustics, 2003-present; Noise, 2008-present
- Administrative Committees: Education in Acoustics, 2008-present; International Research and Education, 2009-2015; Nominating, 2014; Panel on Public Policy, 2012-2014; Student Council, 2006-2008; Task Force C, Communications, (Chair, 2019-present); Tutorials, 2014-2017; Women in Acoustics, 2010-present
- Newman Award Advisory, 2008-present, (Secretary, 2012-2014; Cochair, 2019-present)
- Education Assistant Search, Chair, 2014-2015

Other Professional Activities

- Keynote speaker, Acoustics Week in Canada, Edmonton, AB, 2019
- Co-faculty Advisor, Society of Women Engineers (SWE), Penn State Student Chapter, 2013-2019
- 3M Non-tenured faculty award, 2017, 2018
- Emmert H. Bashore Faculty Development Professorship, 2012-2015
- National Science Foundation Early CAREER Award, 2012
- Women Young Investigator Travel Grant, 2010
- University of Hartford Innovations in Teaching and Learning Award, 2011
- International Symposium on Room Acoustics (ISRA) Young Scientist Grant, 2010
- International Congress on Acoustics (ICA) Young Scientist Grant, 2007
- International Symposium on Room Acoustics (ISRA) Young Scientist Grant, 2007

For Vice-President Elect – Joseph R. Gladden



Positive Objectives Statement

Acoustics, by its nature, is a highly interdisciplinary field of study and practice. We see this intellectual diversity reflected in the Technical Committee structure. The success, both past and future, of Acoustical Society of America depends on a healthy mix of both academics as well as government and industry. While acoustics is a mature and established field, we see new and creative concepts and applications emerging regularly at meetings and in the journals. It is critical for the long-term sustainability of the acoustics research community that these novel concepts, techniques, and applications be effectively communicated to an ever-widening group of problem solvers in both the private sector and government. Working on ways to affect that communication will be one of my priorities. Another priority is maintaining and growing our early and mid-career membership. Much work has been done by the ASA in recent years with specific initiatives outlined in ASA strategic plans. I agree this is a vital issue for the health of the society and will work to continue implementing those plans and work with others to develop new strategies in this area.

Professional Experience

- University of Mississippi, Vice Chancellor for Research and Sponsored Programs, 2018-present; Interim Vice Chancellor, 2016-2018; Professor of Physics, 2018-present; Associate Vice Chancellor, 2016; National Center for Physical Acoustics, Director, 2014-2016, Interim Director, 2013-2014; Associate Professor of Physics, 2011-2018; Group Leader of Materials Lab., 2005-present; Assistant Professor of Physics, 2005-2011
- United World College, Physics Instructor, 1996-1999
- Virginia Episcopal School, Physics Instructor, 1994-1996
- NEC, Tokyo and Tsukuba, Research Intern, 1993

Highest Academic Degree

- Ph.D., 2003, The Pennsylvania State University, Physics

Society Awards and Service

- Fellow, 2018
- Technical Committees: Engineering Acoustics, 2016-2019; Physical Acoustics, 2014-present, (Chair, 2014-2017)
- Administrative Committees: Activity Kit, 2011-2018; Archives and History, 2014-present; Education in Acoustics, 2017-present; Task Force 1: Awareness of Acoustics, 2016-2019
- POMA Associate Editor, 2012-2018
- Mid-South Regional Chapter, Secretary, 2012-2014

Other Professional Activities

- Member-at-Large, Group on Instrumentation and Measurement Science, American Physical Society, 2014-16 (elected)
- Member, American Physical Society, 2000-present
- Member, The Minerals, Metals, and Materials Society (2015-present)
- Executive Committee, National Spectrum Consortium, 2015-2017
- Advisory Board, National Graphene Association, 2017-present
- Mississippi Research Consortium, 2016-present; Chair, 2017-2019
- University of Mississippi Research Foundation, President, 2016-present
- SECU Academic Leadership Development Program Fellow, 2015-2016

For Vice-President Elect – Ning Xiang



Positive Objectives Statement

Like many other members, the Acoustical Society of America (ASA) has been a professional/academic home, in my case since 1990. We have found that the society offers an attractive environment for students, young professionals, scientists, and engineers to join its activities. In addition to attending biannual meetings, many are willing to serve the society in different capacities as they feel extremely welcomed and supported by fellow members, technical chairs, officers, and by the leadership of the society. The society offers its membership broad diversity, hosting over 13 different technical areas for learning, collaboration, and interaction. In recent years the society has created strategic development plans. The detailed and future-oriented strategic initiatives guide the ASA members and officers in a number of thrust areas including sustaining membership, joint-meetings with other national acoustical societies/associations, women in acoustics, its fellowship program, highly prestigious prizes, early career leadership, and publications. My dedication has long been focused on journal publications. As the society's 100-year anniversary is approaching soon, I am honored to be able to contribute to the society by completing the historic record of the ASA Fellows. The effort will ease access to the profound history of the society since its inception in May 1929. The vice president role offers more opportunities for service and engagement to its candidates. I am looking forward to serving further and contributing more to our society.

Professional Experience

- Rensselaer Polytechnic Institute, Professor, Graduate Program in Architectural Acoustics, School of Architecture, 2003-present
- University of Mississippi, National Center for Physical Acoustics, Research Scientist/Research Associate Professor, Department of Electrical Engineering, 1998-2003
- Fraunhofer Institute for Building Physics, Research Scientist, 1997
- Head acoustics, Inc., Research Scientist/Engineer, 1990-1996

Highest Academic Degree

- Doctoral Degree, 1990, Ruhr University, Electrical Engineering and Acoustics

Society Awards and Service

- Fellow, 2002
- Wallace Clement Sabine Medal, 2014
- Technical Committees: Architectural Acoustics, 2002-present; Noise, 2004-present; Signal Processing in Acoustics, 1998-2018, (Chair 2012-2015)
- Administrative Committees: Books, 2013-present; College of Fellows, 2012-present; Medals and Awards, 2015-present; Membership, 2010-2011; Task Force 3: Dissemination of Information and Knowledge, 2016-2019; Web Advisory, 2016-2019; Website and Rebranding, 2012-2014
- JASA Associate Editor, 2004-present
- JASA Express Letters, Associate Editor, 2006-present

Other Professional Activities

- International Advisory Board Member, International Conference on Noise (InterNoise 2008), Shanghai, China, Oct. 2008
- International Advisory Board Member, International Symposium on Room Acoustics, Melbourne, Australia, Aug. 2010
- Technical Organizer Committee Member, 31st International Symposium on *Bayesian Inference and Maximum Entropy Methods in Science and Engineering*, Saratoga, NY (MaxEnt 2007), June 2007
- International Advisory Board Member, Acoustics Conference (Joint between Chinese Acoustical Society, the Acoustical Society of America, The Hong Kong Institute of Acoustics and WESPAC), May 2012
- International Advisory Board Member, 22nd International Congress on Acoustics, September 2016, Buenos Aires, Argentina
- International Advisory Board Member, 6th International Symposium on Electro-Acoustic Technologies, ShenZhen, China, November 2017
- President, International Advisory Board, 7th International Symposium on Electro-Acoustic Technologies, ShenZhen, China, November 2019

For Member of the Executive Council – Jennifer L. Cooper



Professional Experience

- Johns Hopkins University, Applied Physics Laboratory, Program Scientist, 2008-present
- ENSCO, Inc., Acoustician, 2004-2008

Highest Academic Degree

- Ph.D., 2003, The Pennsylvania State University, Acoustics

Society Awards and Service

- Technical Committees: Computational Acoustics Technical Specialty Group, 2019-present
- Administrative Committees: Women in Acoustics, 2019-present
- ASA Washington DC Regional Chapter: President, 2011-2013; Vice President and Webmaster 2009-2010; Treasurer and Social Media Coordinator, 2014-present

For Member of the Executive Council – David R. Dowling

Professional Experience



- University of Michigan, Department of Mechanical Engineering, Professor, 2005-present (primary appointment); Associate Professor, 1999-2005; Assistant Professor, 1992-1999; Department of Naval Architecture and Marine Engineering, Professor, 2010-present
- University of Washington, Applied Physics Laboratory, Post-doctoral Scientist, 1989-1992
- Boeing Aerospace and Electronics, Laser Technology Section, Senior Specialist Engineer, 1988-1989

Highest Academic Degree

- Ph.D., 1988, California Institute of Technology, Aeronautics

Society Awards and Services

- Fellow, 2003
- ASA Student Council Mentor Award, 2007
- Technical Committees: Acoustical Oceanography, 2014-present; Underwater Acoustics, 1997-present
- Administrative Committees: Education in Acoustics, 2016-present; College of Fellows Steering Committee, 2015-present; Tutorials, 2005-2010
- JASA Associate Editor, 2003-2012
- JASA-EL Associate Editor, 2012-present
- ASA Resume Help Desk Organizer, 2014-2017
- TPOM representative for UW or AO: 2000, 2005, 2012, 2014

Other Professional Activities

- Member, 1990, Fellow, 2012, American Physical Society, Division of Fluid Dynamics (APS-DFD)
- Invited speaker, 70th Meeting of the APS - DFD, 2017
- Member, 1990, Fellow 2010, American Society of Mechanical Engineering

For Member of the Executive Council – Kenneth W. Good, Jr.



Professional Experience

- Armstrong World Industries, Acoustic Specialist Customer Focus, 2010-present; Acoustic Specialist Innovation & New Product Development, 1999-2010

Highest Academic Degree

- I do not hold a degree, I had the unique privilege to work directly with Dr. Kenneth P. Roy for 11 years in practical applied acoustics.

Society Awards and Service

- Technical Committees: Architectural Acoustics, 2004-2019, (Chair, 2013-2016); Noise, 2010-2019
- Administrative Committees: Regional and Student Chapters, 2014-present, (Cochair, 2017-present)
- Chair, Technical Committee on Architectural Acoustics Subcommittee on Speech Privacy
- ASA/CEU Course Liaison, Technical Committee on Architectural Acoustics
- Chair, S12 WG 44
- Member, S12, WG 57
- Liaison, Philadelphia Regional Chapter

Other Professional Activities

- ASTM Committee E33 on Building and Environmental Acoustics, E33.02 Speech Privacy

For Member of the Executive Council – Ewa Jacewicz



Professional Experience

- The Ohio State University, Dept. of Speech and Hearing Sciences, Research Associate Professor, 2015-present; Research Assistant Professor, 2009-2015; Research Scientist, 2003-2009; NIH Postdoctoral Research Fellow, 2000-2002

Highest Academic Degree

- Ph.D., 1999, University of Wisconsin-Madison, Germanic Linguistics

Society Awards and Service

- JASA Associate Editor, 2017-present
- Women in Acoustics Young Investigator Travel Award, 2003

Other Professional Activities

- Sigma Xi, Scientific Research Honor Society, Full Member, 2010-present
- American Association for the Advancement of Science (AAAS), Member, 2007-present
- International Speech Communication Association (ISCA), Member, 2011-present
- International Phonetic Association (IPA), Member, 1996-present
- American Speech-Language-Hearing Association (ASHA), Editorial Board Member, 2017-present
- Associate Editor, Journal of Speech, Language, and Hearing Research, American Speech-Language-Hearing Association (ASHA), 2013-2016
- Speech and Language Science Topic Committee Member, ASHA Conventions, 2017-2018

For Member of the Executive Council – Allard Jongman



Professional Experience

- University of Kansas, Associate Chair, Linguistics, 2016-present; Department Chair Linguistics, 2007-2016; Professor 2005-present; Associate Professor, 2001-2005; Assistant Professor, 1999-2001
- Cornell University, Associate Professor, Linguistics, 1997-99; Assistant Professor, 1991-1997

Highest Academic Degree

- Ph.D., 1986, Brown University, Linguistics

Society Awards and Service

- Fellow, 2009
- JASA Associate Editor, 2007-2010
- Organizing Committee, Kansas City, 2012

Other Professional Activities

- Fellow, American Association for the Advancement of Science (AAAS), 2020-present
- Associate Editor, *Phonetica*, 2014-present
- Editorial Board, *Journal of Phonetics*, 2012-2015
- Editorial Board, *International Journal of Speech Technology*, 1996-present
- External Program Evaluator, Dept. of Modern Languages and Linguistics, Chinese University of Hong, 2018-2019
- Consultant, L.N. Gumilyov Eurasian National University, Kazakhstan, 2013-2014

For Member of the Executive Council – Andrew A. Piacsek



Professional Experience

- Central Washington University, Associate Professor, 2013-present; Chair, Department of Physics, 2013-2018; Assistant Professor, 2007-2013; Director, Science Honors Program, 2004-2008; Lecturer, 1997-2007
- Lawrence Livermore National Laboratory, Postdoctoral Fellow, 1995-1997

Highest Academic Degree

- Ph.D. Acoustics, 1995, The Pennsylvania State University

Society Awards and Service

- Technical Committees: Musical Acoustics, 2019-present, (Chair, 2019-present); Physical Acoustics, 2012-2018
- Administrative Committees: Education in Acoustics, 2000-present; Nominating, 2018; Public Relations, 2001-present, (Chair, 2009-2018), Task Force 1: Awareness of Acoustics, Chair, 2016-2019; Web Advisory, 2016-present, (Chair, 2018-present); Website for Kids, 2009-2012

Other Professional Activities

- National Research Council, Research Associate Program Review Panel, 2014-present
- American Institute of Physics, Science Writing Award Panel, Chair, 2008-2010