

2018 Election

American Society of Plant Biologists

Election Procedures: On the electronic ballot card, mark your choice of candidates for elected office.

President-elect

(to serve as president 2019–2020)



Judy Callis

Judy Callis is a faculty member in the Department of Molecular and Cellular Biology and a member of the Ph.D. graduate programs in plant biology, biochemistry and molecular biology, and genetics at the University of California at Davis. She was born in Ohio but grew up in St. Louis, Missouri, and received her A.B. degree from Washington University in St. Louis in 1977. She is grateful for excellent

mentorship as a student and postdoc. As an undergraduate Judy had the privilege of working in the laboratory of then- assistant professor Virginia Walbot, which started her long interest in plant biology research. After several years as a research technician at University of Wisconsin–Madison, she received an M.S. in Botany in 1981 from the University of Illinois, where she worked with Tuan-hua David Ho on α -amylases isozymes. From there, Judy moved to Stanford University, where she received a Ph.D. in Biology in 1987. During this time, she became interested in post-transcription regulation of gene expression. Following that theme she worked on aspects of ubiquitin-mediated proteolysis with Richard Vierstra at UW–Madison from 1987 to 1989. At the end of 1989 (on Halloween, to be precise), she joined the faculty at UC-Davis, initially in the Department of Biochemistry and Biophysics. Judy is now a full professor and serves as vice chair for academic personnel in the Department of Molecular and Cellular Biology.

Judy's main research interests are in the area of regulated proteolysis, with a focus on the ubiquitin pathway. Combining genetics, biochemistry, and molecular biology, her laboratory is working to understand the specificity of modification of proteins by ubiquitin and the physiological consequence of this change. In

addition, her laboratory has studied the cis-acting signals on the Aux/IAA proteins, short-lived repressors of auxin signaling, and defined the residues required for their rapid and auxin-regulated degradation. She has studied various components of the ubiquitin system, such as E3 ligases and the ubiquitin-like protein, RUB. More recently she has expanded her interests into the study of the fructokinase family in plants.

Judy has taught metabolism to more than 200 students a year for over 15 years and co-taught a course in plant biochemistry (that is not quite as big a class). She also enjoys leading a discussion of research literature for undergraduates and supervising both graduate and undergraduates in research. Her service to ASPB includes membership since 1979, as a member of the Publications Committee (1994–1999; chair, 1998); a member of the ad hoc Web Site Committee (1996–1997); as monitoring editor for *Plant Physiology* (2000–2006), as a member of the review panel for the Summer Undergraduate Research Fellowship awards in 2001 and 2003; as a member of the Corresponding Membership Award Committee (2003–2007); as a member of the Program Committee (2006–2010); as a member of *The Plant Cell* editorial board (2009–2015; continuing as guest editor); and currently as a member of the Science Policy Committee (2016–2020). Other professional activities include service on grant review panels for NIH, NSF, USDA, and DOE, and serving as an ad hoc reviewer for several journals and as one of the reviewing editors for the *Journal of Biological Chemistry*. Judy was elected as a fellow of the American Association for the Advancement of Science in 2002, an ASPB fellow in 2012, and for 2005–2010 served as the Ruth R. and Paul K. Stumpf Endowed Chair in Plant Biochemistry.

As President, I would like to strengthen membership and engage more members in the activities of the Society. ASPB is our voice on Capitol Hill, and we should inform both the general public and our elected officials of the critical roles discovery in the plant sciences plays.