

Elizabeth Worcester
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Dear DUNE collaborators,

I was honored to be nominated for the spokesperson advisory committee and would be happy to serve if elected.

For those who don't know me, I have been involved in LBNE and later DUNE since 2011, when I joined BNL as a postdoc after taking time off to be at home with my children while they were babies. I have worked primarily on long-baseline oscillation sensitivity, starting with simple GLOBES studies and gradually increasing the sophistication of our inputs, assumptions, and treatment of systematic uncertainty, and I have been responsible for a good bit of the LBL text and many of the LBL sensitivity plots in the CDR and TDR. I have served as long-baseline oscillation working group convener in both LBNE and DUNE, and most recently served as DUNE physics coordinator along with Ryan Patterson from 2016-2021. For the past several years, in my role as one of the Neutrino Frontier conveners, I have worked closely with DUNE leadership in developing our messaging for the Snowmass process in the US.

While we were physics coordinators, Ryan and I met frequently with the spokespeople, not only to discuss the physics organization, but to provide advice on collaboration direction and messaging and to share our observations about a wide range of collaboration topics. I believe that one of my strengths in the role was developing trusting working relationships with many collaborators such that people felt comfortable coming to me with concerns and were confident that I would at least try to help. I considered it my job to be as responsive as possible to issues that were brought to me and to be sufficiently engaged with the collaboration that I could see problems coming before they became big problems. Obviously it's impossible to be 100% successful at this, but I did put out a few fires over the years! I see the spokesperson advisory committee as a way to continue to serve the collaboration in that way now that physics coordination is in other, very capable, hands.

As we enter this exciting period where we actually build the detector that we have been designing for so long, there are a number of critical issues facing us on which I hope to be able to offer useful thoughts. These include messaging and securing support for the full scope of DUNE, experiment staging plans, the process for decision making on Phase II detectors, collaboration with other experiments, including SBN, how best to support our junior collaborators, and ways to improve the collaborative climate within our field and our collaboration, including support for DEI, outreach, and Code of Conduct initiatives.

Thanks for your time and consideration.

Best,

A handwritten signature in dark ink, appearing to read "Elizabeth Worcester", written in a cursive style.

Elizabeth