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Bio: Mary Dunlop is an Associate Professor of Biomedical Engineering at Boston University with additional appointments in Bioinformatics and in the Molecular Biology, Cell Biology & Biochemistry program. She graduated from Princeton University with a B.S.E. in Mechanical and Aerospace Engineering and a minor in Computer Science. She then received her Ph.D. from the California Institute of Technology, where she studied synthetic biology with a focus on dynamics and feedback in gene regulation. Her lab engineers novel synthetic feedback control systems and also studies naturally occurring examples of feedback in gene regulation. Her work has focused on understanding the role of cell-to-cell heterogeneity in bacterial systems. In recognition of her outstanding research and service contributions, she has received many honors including election as an AIMBE Fellow which honors the top 2% of medical and biological engineers, the NSF Transitions Award, ACS Synthetic Biology Young Investigator Award, DOE Early Career Award, and NSF CAREER Award. She is also the recipient of several teaching awards, including Boston University's Biomedical Engineering Professor of the Year Award and the College of Engineering Teaching Excellence Award.