

**Amy C. Sharma**  
Research Engineer II, Georgia Tech Research Institute  
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Amy Sharma is a Research Engineer II at the Georgia Tech Research Institute, where she develops applied engineering solutions for the Sensors and Electromagnetic Applications Laboratory.

Before joining Georgia Tech, Dr. Sharma was a AAAS Science and Technology Policy Fellow working at the National Science Foundation in Washington, DC. There she assisted with the Broadening Participation in Computing program, working with the computer science community to expand computing opportunities to all members of the diverse workforce.

Dr. Sharma's short but varied research career has revolved around designing and building applications and machines. Her post-doc focused on researching statistical methods for use in computer assisted detection (CAD) of breast cancer. Her dissertation involved the development of a high-energy gamma-camera for use with a new neutron-based spectroscopic imaging technique. Before that, she worked as a logic designer for IBM in Austin, TX.

Outside of work, Dr Sharma has been involved with numerous efforts to reach out to underrepresented groups. She began volunteering at IBM, working with their summer engineering camp for girls and subsequent mentoring program. At Duke, she used this knowledge to develop and run engineering summer camps for middle-school children. During her time in Washington she volunteered with the Higher Achievement Program an after school immersion program, teaching at-risk middle-schooler about technology.

Dr Sharma received a B.S.E. in Biomedical and Electrical Engineering and Ph.D. in Biomedical Engineering from Duke University.