



George L. Engel, D.Sc.

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- 1. What are your current 3 main areas of research?**
 - Developing custom mixed-signal integrated circuits (ICs) for a wide variety of applications including those in the biomedical area
 - Improving computer scalability and reliability
 - Developing electronics for detecting/monitoring ionizing radiation
 - 2. What are the top 3 areas of expertise/tools you are looking for in a research collaborator?**
 - Successful interdisciplinary groups working on problems which might benefit from custom electronics and/or advanced signal processing techniques due to stringent size, power, and performance requirements
 - Interest in developing diagnostic instruments and/or aids for the hearing impaired
 - Interest in monitoring physiological parameters
 - 3. What 3 skills/tools that you have access to are you willing to share with a potential research collaborator?**
 - Collaboration experience with audiology, industrial, and university research groups
 - Expertise in the design of mixed-signal integrated circuits
 - IC design research laboratory, including access to an extensive set of advanced computer aided design (CAD) tools used for creating large, complex, high-performance systems on a chip (SOCs)