Name, Degree   **Gunes Ercal, PhD.**

Title: **Assistant Professor**

Department: **Computer Science**

Institution: **SIUE**

Email: **gercal@siue.edu**
Phone: **618-650-3348**
Web URL: **http://www.cs.siue.edu/~gercal**

1. **What are your current 3 main areas of research or interest areas in education research?**

   - Theoretical computer science
   - analysis of network structure and dynamics
   - teaching discrete mathematics and graph theory to K-12 students

2. **What are the top 3 areas of expertise/tools you are looking for in an education research collaborator?**
   - Research and/or teaching expertise in K-12 mathematics education
   - Access to and experience with sociological data sets
   - Interest in analyzing and changing the K-12 mathematics curriculum

3. **What 3 skills/tools that you have access to, are you willing to share with a potential research collaborator?**
   - Expertise in network analysis, also as pertains to social networks
   - Discrete mathematics research and teaching experience
   - Interest/ability for quantitative methods