

QuarkNet

Notre Dame QuarkNet Center

A Unique Particle Physics Learning Community

Kenneth Cecire, National Staff

Pat Mooney, Coordinator

Rebekah Randall, Teacher

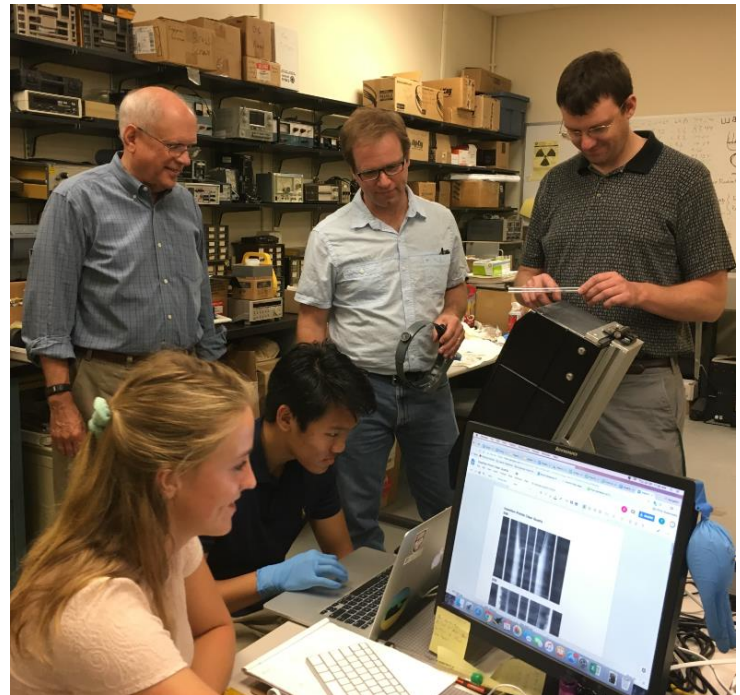
Dan Smith, Teacher

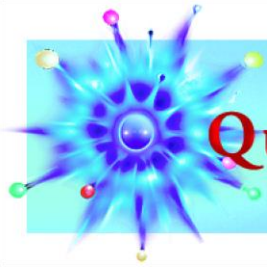
Dan Walsh, Teacher

Mitch Wayne, PI

Jeremy Wegner, Teacher

Anne Zakas, Administrator





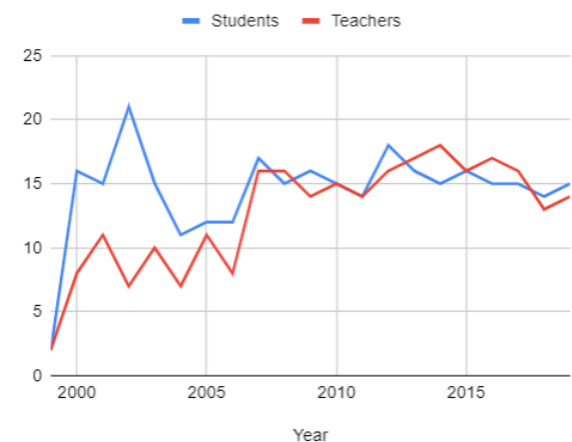
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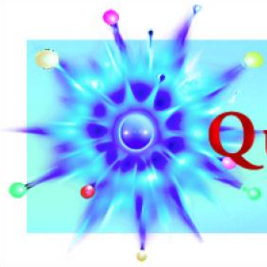
History and Features

- **Started before QuarkNet in 1999**
 - Notre Dame is a founding institution
 - Started as QuarkNet was being invented
- **Attributes**
 - Weekly teacher meetings during school year (Sep-May)
 - Summer research (Jun-Aug)
 - IMC – multiple dates (Feb-Apr)
 - Outreach at Michiana community events in school year
 - International Outreach - NDI



Students and Teachers

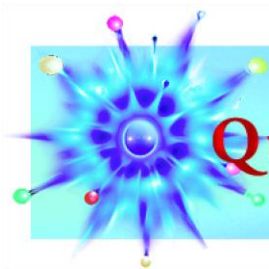




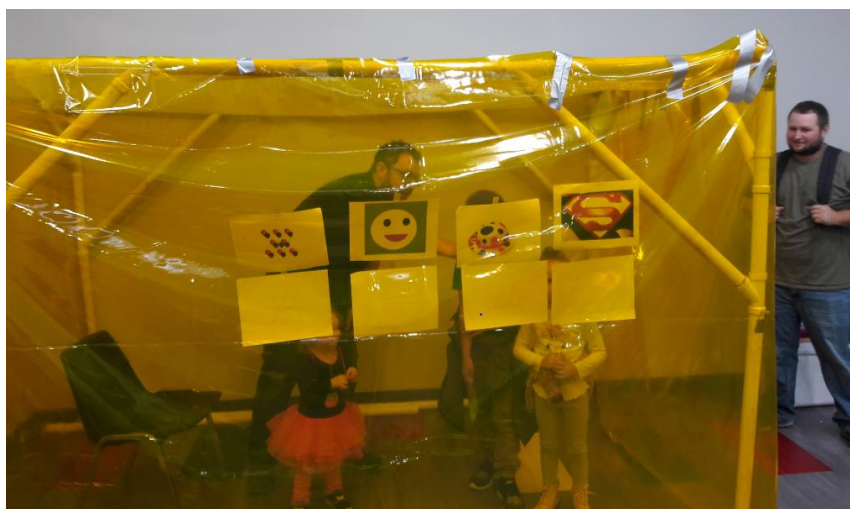
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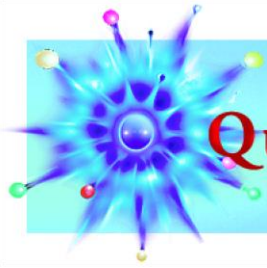
The Story

- The Notre QuarkNet Center has created a strong, committed community of researchers and educators that has endured for over two decades. (Mitch Wayne)
- Since the early 2000's a group of about 10 high school physics and chemistry teachers have met weekly at the Notre Dame QuarkNet Center...to talk about science education and particle physics research. About once every 3 months we plan particle physics activities for local science exhibitions. In the spring we focus on planning our summer research efforts. (Pat Mooney)
- It is also a great boon to have a professional learning community with the same interests who face the same challenges. The other QuarkNet teachers and I share ideas and strategies for best practices. (Rebekah Randall)



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- Being part of continuing longstanding research in a diverse community makes me a better educator, role model, and citizen. QuarkNet at Notre Dame has been the best opportunity I've had in my career. (Dan Smith)
- It's a great place to work. (Ken Cecire)

