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

Helping Develop America’s Technological Workforce

Cecire, 18th IPPOG Meeting, 28 Nov 2019
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
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)
• 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)