

Quarknet Leadership Fellow

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Leadership Fellow Role

Simply put, our job is to help centers be more successful.

Give assistance and advice based on our research of the characteristics of a successful center.

There are five leadership fellows.

Each of us have a list of Quarknet centers that we work with that changes periodically.

Our goal is to strengthen and enhance your Quarknet and high energy physics experience for you and your students brought to you by your University mentors facilitated by Quarknet.

Your center is brand new (year 2) Quarknet welcomes you!

So what factors make a Quarknet center successful?

The independent research company, MJ Young and associates has been collecting data on quarknet programs and participants since the inception in many forms. The success factors we have currently isolated as the most important are summarized as follows and from the document of

QuarkNet: Matrix of Effective Practices

By MJ Young & Associates

Success Factors

- Strong teacher leader
- Strong mentor who understands education and professional development
- Participants meet regularly
- Meaningful activities
- Directly address classroom implementation of activities for all teachers
- Specific support and/or follow up from staff
- Money for additional activities and/or have additional grants
- Stable participant base
- Address teacher professionalism
- Establish a learning community

Must Do List for 2015

(Dr. Parashar has these urls)

1. Teacher Implementation Survey

-to be completed by ALL teachers of all summer programs, workshops, institutes, etc.

-complete at end of summer workshops

-takes 20-30 minutes

-Tiny URL - <http://tinyurl.com/qnw15s1>

2. Participant Satisfaction Survey and Facilitator Survey

-completed ONLY by participants and facilitators/leaders at data camp or Data Workshops

(this does not apply to you for these 2 weeks)

Quarknet Website Updates

- Update your personal profiles on the website with this guide. Must be completed by everyone.
<http://tinyurl.com/qn15prfl>
- Confirm DAQ number(s) and how teachers used the detector with students this year for participants with detectors.
- All teachers and mentors must be members of the Quarknet website and members of their center group on the site. They must keep their information on the site current and know how to find their group.

New Members

- Teachers register on this Google form, tiny url – <http://tinyurl.com/qnw15reg>.
- Alert Ken Cecire and your center staff teacher.
- For Purdue-Calumet Ken is your staff teacher.
- Follow up with the teacher to be sure their registration is complete.
- Fill out the registration for new Cosmic, CMS, or LIGO e-Lab accounts. Tiny url – <http://tinyurl.com/qnw15reg>

Teachers must sign in each day. The sign in sheet should, minimally, have spaces for the name and signature of each teacher as well as time in and time out. Mail the completed sign-in sheets to Anne Zakas.

Anne Zakas

QuarkNet Center at Notre Dame


Department of Physics

225 Nieuwland Science Hall

Notre Dame, IN 46556

Or alternatively, scan and email to Anne.zakas.

1@nd.edu

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- Thank you all for inviting me here today.
 - I hope I can be of service to you for many successful years to come.