

Professional Development and Leadership

Outline:

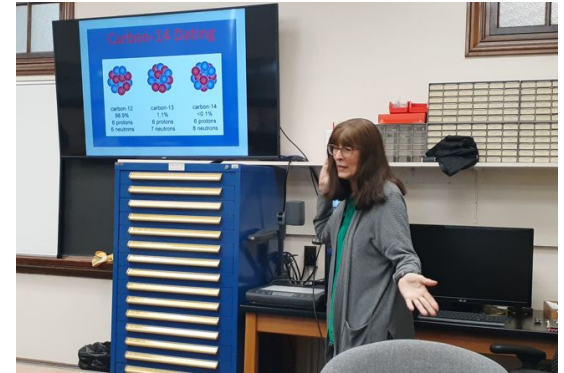
- Guiding philosophy
- Leadership formation
- Leadership roles for teachers



Recognition of talent

“Ordinary” QuarkNet teachers do extraordinary things

- Many facets to QuarkNet
 - Summer teacher workshops
 - Virtual opportunities
 - Events such as Masterclasses, W2D2, and International Muon Week





Teachers as Leaders

Recognition of talent

“Ordinary” QuarkNet teachers do extraordinary things

- Leadership develops at
 - Local centers
 - National-level meetings and events
- Staff observe teacher interactions in these settings, looking for appropriate talent and interest

Developing Leadership

Staff, Mentors, Lead Teachers, Fellows, Colleagues:

- Model leadership, including reinforcing QuarkNet norms at every meeting
- Create or enhance leadership opportunities
- Learn from each other
- Bring new content and methods to centers and teachers

Avenues

Lead Teachers - *1 or 2 per center*

- Build center relationships
 - Mentors
 - Other teachers and lead teachers
 - Institution
 - Outside center
- Determine roles based on relationships, needs



Avenues

Lead Teachers

- Support
 - Lead Teacher Camps
- Examples of leadership roles
 - Recruitment of new teachers
 - Workshop design
 - Organizational nuts and bolts



Avenues

Fellows - *a few to 15 per fellows group*

- Work as team and in smaller units
- Roles in common
 - Model QuarkNet methods to other teachers
 - Develop expertise in fellows group area
- Individual or small group roles
 - Facilitate workshops
 - Develop workshops or related materials, activities

Avenues

Fellows

- Support
 - Regular online meetings
 - Fellows Camps
 - Shadow workshop facilitators
 - Collaboration with staff and each other





Teachers as Leaders

Avenues

“Ordinary” QuarkNet teachers do extraordinary things

- Help each other, staff, mentors
- Add expertise
- Implement QuarkNet activities and provide feedback, corrections, suggestions
- Reach out to colleagues

All QuarkNet teachers have leadership roles.