Data Informed Inquiry for Educational Leaders
A Pace University Certificate Program
(Offered in partnership with Putnam/Northern Westchester BOCES and Lower Hudson Regional Information Center)

This program will offer educational leaders an opportunity to further develop their knowledge of multiple forms of assessment, the intersections between assessment and demographic data, and the relationship between those data and curriculum and instruction, their ability to lead data inquiry in districts, schools, and classrooms, and their skill in using technology to do so. The program will be delivered during the fall semester primarily through utilizing in-person sessions at PNW BOCES, supplemented with webinars, online learning modules and conversations with instructors. The Data Inquiry for Educational Leaders program is open to school and district leaders, as well as experienced CIO/DDA's and others who participate as part of a data team.

Each participant (or school/district) team will be guided through an inquiry project designed to improve learning outcomes for students in their setting. This will be an opportunity to examine data that is important to your district under the guidance of regional leaders in the area of data inquiry teams. Participants will present their projects to one another and to other educators. Topics will include: reviewing basic statistical terms and concepts, best practices in collecting and analyzing data from multiple sources; creating, supporting, and facilitating collaborative data-informed inquiry teams, preparing and presenting data and inquiry team findings to diverse audiences.

Program Content:

Session 1: **Creating a Culture of Inquiry: Getting Started   (half day)**
- Introduction to Data Informed Inquiry and Program Project
- Identifying multiple forms of data and intersections in inquiry process (including ESL and SWD data)
- Creating an Inquiry Team
  - Examples of Inquiry Team Work
- Simulated Process-From Wonder to Questions

Session 2: **Inquiry Process with Assessment and Supplementary Data (full day - AM)**
- Check in on Projects—have you identified wonder, question, inquiry team. Protocols for Data Informed Inquiry using summative assessments
- Simulated Process—Data Informed Inquiry Team using summative assessments and Love protocol

   Understanding and Creating Data Analysis and Reports (full day - PM)
- Data Flow-- Moving from data collection to data use (including state and Regional Information Center reports)
  - Creating local reports using EXCEL; Instruction and hands on work session
- Formative Assessment/Data Collection Tools
- Going graphic in Data-Informed Inquiry – examples and practice

Session 3: **Action and Implementation (full day)**
- Taking and evaluating inquiry based action
- Writing Inquiry Based Reports and Creating Presentations
- Simulated Process—Creating action and implementation plan using case study or participants' own data
- Check-in of presentation drafts
- Group project work session

Session 4: Participant Presentations:

Instructors:

Kathy Conley – is currently serving as the Assistant Executive Director of the Lower Hudson Regional Information Center (LHRIC). She has also served as a consultant CIO and Data Analyst for up to five districts simultaneously and was a district-level leader in the Public Schools of the Tarrytowns. Kathy served as the Assistant Superintendent for Curriculum, Instruction and Personnel for the Yorktown School District.

Jennifer Wilson – is the BOCES' Education Technology Coordinator. In this role she supports educational technology agency wide, collaborating with all programs as well as the 18 component districts. Prior to coming to BOCES, Jennifer served as Haldane's Director of Special Education and C10. She is currently working on her doctorate through Manhattanville College.

Dr. Jeremy Luft – is currently the Deputy Superintendent for the Putnam Valley Central School District. Prior to joining Putnam Valley CSD, Dr. Luft served as the Director of Curriculum and Instruction for the Hastings-on-Hudson Union Free School District. He began his teaching career in the North Rockland Central Schools where he taught High School Physics and Earth Science. After leaving the classroom, Dr. Luft served as the Director of Technology and Chief Information Officer for the Ossining Union Free School District. Throughout his career, Dr. Luft has presented at numerous local, regional, and state conferences on a variety of topics ranging from data inquiry teams to best practices for technology integration. In 2011, Dr. Luft was named a Pioneer Award winner and in 2012 received the NYSCATE Outstanding Technology Leader Award.

Mark Samis - has worked at the LHRIC for 16 years and has been the lead for technology innovation in the State of New York. When districts asked to be able to view data to help students in 1998, he created the first educational Data Warehouse in the State that could be accessed through the web. Eventually, this turned into a State-mandated program for all districts.