

Edward O'Brien

Project Director

Senior Scientist, Physics Department, BNL

Relevant Experience: Seven years as sPHENIX Project Director. Thirteen years as PHENIX Operations Director during which time I coordinated the addition of \$25M in upgrade detectors to PHENIX and managed a staff of 25-30 FTEs. Four years as project manager of the \$10M PHENIX Central Tracking system. Eight years as head of the PHENIX Central Tracking group and Project Manager of the \$4M Time Expansion Chamber. Designed and built major components of the E814/E877 Tracking System, a BNL AGS fixed-target HI experiment.

Glenn Young

Project Manager

Senior Scientist, Physics Dept, BNL

Relevant Experience: Glenn Young was at Oak Ridge National Laboratory from 1978 until 2009, serving in many capacities, including Physics Division Director. He led ORNL's work on a series of heavy ion experiments at CERN (WA80, WA93, WA98). He was one of the founders of the PHENIX experiment in 1991 and led contributions by the Oak Ridge group to many PHENIX systems, and served as the experiment's Deputy Spokesperson. He went to Thomas Jefferson National Accelerator Facility in 2009, and led the experimental program for the 12 GeV upgrade. He joined sPHENIX as Project Manager in 2017.

John Haggerty

Project Scientist

Senior Scientist, Physics Department, BNL

Relevant Experience: BNL AGS/E-787 1986-1996, DAQ and 500 MHz waveform digitizers; PHENIX Deputy Project Manager, 1997-2001; PHENIX Data Acquisition Coordinator, 2001-2007; PHENIX Deputy Operations Director, 2008-2016; PHENIX Run Coordinator 2009-2010; sPHENIX management 2012-present. Design, construction, implementation, and software support for PHENIX timing system, slow controls of front end electronics, high speed PCI interface to DAQ. Managed BaBar solenoid move to BNL. Lead Scientist for Fermilab T1044, the prototype sPHENIX Calorimeter test, 2014-2018.

James Mills, P.E.

Project Engineer

Senior Project Engineer, Collider-Accelerator Department, BNL

Relevant Experience: Over thirty eight years of Engineering and Project Management experience at Brookhaven National Laboratory. Eight years as Manager of the Modernization Project Office Engineering and Design Group (2006-2014) with overall responsibility for the successful completion of a portfolio of projects in excess of \$15 million annually; Six years as

Project Engineer for conventional construction in support of facility operations at Brookhaven (2000-2006); managing projects up to \$6 million in total scope. Four years of experience as Head of the Facility and Experimental Support Group, RHIC Project (1996-2000). Responsible for approximately \$13 million dollars of conventional construction in support of experiments at RHIC. Six years as Project Engineer for the STAR Magnet (1990-1996), providing engineering analysis and design of the 0.5 Tesla solenoidal magnet. Ten years as Project Engineer, experimental support for High Energy Physics experiments at Brookhaven National Laboratory's Alternating Gradient Synchrotron (1980-1990).

Russell Feder P.E., PMP

Chief Mechanical Engineer

Senior Mechanical Engineer, Physics Department, BNL

Relevant Experience: Twenty seven years as a Mechanical Engineer including nineteen years at Princeton Plasma Physics Lab (PPPL). Most recently served as Project Manager for the NSTX-U Recovery Project and before that spent seven years as Chief Mechanical Engineer and WBS Manager for US ITER diagnostic systems contributions to ITER. M.S. in Nuclear and Mechanical Engineering and has experience in structural analysis, nuclear shielding, optical design and various aspects of engineering management.

Irina Sourikova, PMP

Project Controls

Project Management Analyst, Project Management Center, BNL

Relevant Experience: Sixteen years as PHENIX software engineer, database developer and database administrator. Designed, implemented and supported PHENIX calibrations and collaboration databases providing legacy data migration, data archiving and replication. Six years as sPHENIX Project Controls Manager. Certified Project Management Professional.