



Protein is Cash: Introduction to Biotechnology and Biomanufacturing Workshop

Bucks County Community College

June 27th - June 30th 2016

Hosts: **Linda Rehfuss, Ph.D.**, Associate Professor of Biology and Biotechnology (cell: 215-208-1523)

Bucks County Community College, Co-Principal Investigator of the NBC2

Cianna Cooper, Program Manager, NBC2, Bucks County Community College

Day of Workshop	Time	Material Covered	Location
Day 1: June 27, 2016	9:00 – 12:30	Breakfast and Networking Welcome to BCCC and Overview of NBC2 Overview of Biomanufacturing Introduction to Metrology Lecture and Lab	Founders Hall Rm 115/148
	12:30 – 1:30	Lunch	Founders Hall Rm 115
	1:30 – 4:00	Pipetting Olympics Streak plates for bacterial transformation Upstream Processing Overview (if time mammalian cell culture work) Curriculum Development	
Day 2: June 28, 2016	9:00 – 12:30	Breakfast and Networking Bacterial transformation Cell Harvest /Lysis Downstream processing overview	Founders Hall 115/148
	12:30 – 1:30	Lunch	Founders Hall Rm 115

1:30 – 4:00
Chromatography overview
Purification of Green Fluorescent Protein-Chromatography
Curriculum Development

Day 3: June 29, 2016

9:00 – 12:30
Breakfast and Networking
Quality Control Biochemistry Overview
SDS PAGE/QC Biochem Lab
Founders Hall Rm 115/148

12:30- 1:30
Lunch
Founders 115

1:30- 4:00
SDS PAGE/QC Biochem Lab
Curriculum Development

Day 4: June 30, 2016

9:30 – 12:30
Lampire Biological Laboratories Tour,
5185 Apple Butter Rd. Pipersville, PA

12:30 -1:30
Lunch
Founders 115

1:30 – 4:00
Career & Education Paths of Biotech Technicians
Lab wrap-up; Curriculum Development
NBC2 *Protein Is Cash* survey (Penn Hall)