## Sylvia Perez-Hardy, Associate Professor and Chair, Rochester Institute of Technology

Sylvia began her career in computing as a Systems Engineer for IBM. After a 23 year career at IBM she became a faculty member at RIT in the department of Information Technology. During her 16 years at RIT, Sylvia has served as the Undergraduate Program Director for the Networking, Security, and Systems Administration degree as well as for the Information Security and Forensics degree. She then served as the department chair for the Networking Security and Systems Administration department and was the first chair of the Computing Security department. Her areas of interest include data networks, network security, and curriculum development.

## John Wadach, Professor and Chair, Engineering Science and Physics, Monroe Community College

John was recently named the 2014 Outstanding Community Colleges Professor of the Year by the Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education.

### **Participating Districts:**

Churchville-Chili
East Irondequoit
Gates Chili
Greece
Pittsford
P-Tech Rochester
RSCD
West Irondequoit
Wheatland-Chili

### **Special Thanks To:**

Javier Ayala, Ph.D.
Christine Forde
Silvana Sifkarovski
Julissa Gonzalez
JoAnne L. Jones, Monroe #1 BOCES
Vilma Patterson
William Rotenberg

Inspiring every day.



# STEM





Monroe Community College Brighton Campus March 23, 2015 8:00 a.m. – 12:30 p.m. Monroe A & B

# ~ Agenda ~

8:00 a.m. Students Check-In

8:30 a.m. - 8:45 a.m. Javier Ayala, Ph.D.

(Monroe A & B) Dean of Career and Technical Education

Welcome

Anne M. Kress. Ph.D.

President

8:45 a.m. - 9:00 a.m. What is IT all about?

(Monroe A & B) Teresa Brown

9:00 a.m. - 9:50 a.m. Group A – Mobile Device Security

(Monroe A & B) Rick Mislan

9:00 a.m. - 9:50 a.m. Group B - Engineering Lab Tour

(Engineering Lab) John Wadach

9:00 a.m. ATC Tour SHUTTLE to Applied Tech

**Bob Lasch** 

9:00 a.m. - 10:50 a.m. Robotics Demo

(Monroe A & B) Les Dudek

10:00 a.m. - 10:50 a.m. Group B – Mobile Device Security

(Monroe A & B) Rick Mislan

10:00 a.m. – 10:50 a.m. Group A – Engineering Lab Tour

(Engineering Lab) John Wadach

10:40 a.m. ATC Tour SHUTTLE back to Brighton

Campus

11:00 a.m. – 11:15 a.m. RIT 2+2 Transfer Program

(Monroe A & B) Sylvia Perez-Hardy

11:15 a.m. – 12:15 p.m. Lunch

(Monroe A & B)

12:30 p.m. Depart MCC Campus

#### Teresa Brown, Director Enterprise Project Delivery Group, Excellus BCBS

As Director of the Enterprise Project Delivery Group within the IT Division of Excellus BlueCross BlueShield, she oversees a portfolio of approximately 35 active technology projects leading teams of delivery managers, project managers and business analysts. Brown and her teams work collaboratively with business partners to ensure cost-effective, high-quality implementation of enterprise-wide technology projects. Prior to joining Excellus. Brown held IT leadership positions for companies in the Telecommunications Industry, including Frontier, Veramark and PAETEC, and started her career as a high school math and computer science teacher. She has led teams providing IT implementation and consulting services to clients around the Globe and right here in the Rochester area. During her more than 30 years in the IT field, she has experienced a tremendous amount of change in both the industry and in technology, and she is excited to see what is yet to come.

Brown holds an MBA in IT and Marketing from the William E. Simon School of Business at the University of Rochester, and a Bachelor of Arts degree in Secondary Education/Mathematics & Computer Science from the State University of New York College at Oswego.

#### Lesley "Les" Dudek, Adjunct Instructor, Monroe Community College

Les is a Rochester Institute of Technology graduate with a Master's degree in Chemistry. He worked in Research and Development for Xerox Corporation in Webster, NY for 25 years. He has been teaching formally for 5 years, and enjoys sharing knowledge with others. Les has also taken numerous computer-related courses at Monroe Community College, and has significant experience in circuitdevelopment, circuit-board design, and building scientific cameras with his colleagues.

### Robert Lasch, Program Coordinator, Applied Technologies Department, Monroe **Community College**

Bob received the 2015 STAR Award from the Finger Lakes Advanced Manufacturer's Enterprise for his work in developing innovative educational and training programs in advanced manufacturing and increasing community awareness of manufacturing career opportunities.

#### Richard P. Mislan, Ph.D., Visiting Assistant Professor, Rochester Institute of **Technology**

Rick is currently serving in the newly created Computing Security Department within the Golisano College of Computing and Information Sciences at Rochester Institute of Technology. His main effort is the development of a new Mobile Security and Forensics undergraduate and graduate program. He is also a faculty member in the Mobile Information Assurance and Security (MOBIAS) group.

Rick's areas of research include Small-Scale Digital Device Forensics, Mobile Security, Unusual Sources of Digital Evidence, and the Application of Artificial Intelligence Techniques for Improving Efficiency in Cyber Forensics.

He has authored numerous articles in the area of Small Scale Digital Device Forensics, created the Small Scale Digital Device Forensics Journal and the Mobile Forensics World Conference, and acts as a reviewing editor for the National Institute of Standards and Technology (NIST). As a consultant, Rick also works with state and federal agencies in Mobile Device Forensics.