



JULY 25
26
2017 27
28

5th Annual
Materials Manufacturing
Summer Teachers'
Institute



Materials Manufacturing Summer Teachers' Institute

Co-Directors:

Christine Broadbridge, Ph. D.

Dean, School of Graduate Studies, Research, and Innovation (GSRI)

Education Director; CRISP (an NSF MRSEC at Yale/SCSU)

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Co-Chair Workforce Enhancement Committee NHMA

Chair Education Committee So. CT. Chapt. ASM Int'l

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Institute Coordinator:

Carol Jenkins, M.S.

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Registration and Breakfast

(Academic Science and Laboratory Building, room 210)

8:00 – 8:30 Sign in, breakfast and networking

8:30 – 9:10 Welcome

Joe Bertolino, Ed. D. | President, SCSU

Ellen Durnin, Ph.D. | Dean of the School of Business, SCSU

Kris Lorch | President, Alloy Engineering; Member, Workforce Enhancement Committee- NHMA

Rep. Dave Yaccarino | Connecticut State Representative

9:10 – 9:30 MSE in the classroom CRISP overview **Christine Broadbridge, Ph.D.** | Dean, School of Graduate Studies, Research, & Innovation (GSRI)

Workshop Overview

(Academic Science and Laboratory Building, room 210)

9:30 – 10:00 Project overview **Dave Tuttle** | Chair of Manufacturing Technologies, Platt Technical High School

10:00 – 10:30 Materials & the Manufacturing Processes **Greg AmEnde** | Instructor of Manufacturing Technologies, Platt Technical High School

10:30 – 11:00 Goals for you and your classroom **Yvonne Klancko** | Klancko & Klancko, LLC; Education Specialist

11:00 – 11:15 Safety discussion **Bob Klancko** | Klancko & Klancko, LLC; Member Workforce Enhancement Committee NHMA; Chair, Ed. Committee So. CT. Chapt. ASM Int'l

Networking Lunch

(Academic Science and Laboratory Building, lower level)

11:15 – 11:45 Guest Speakers **Robert Prezant, Ph.D.** | Provost and Vice President for Academic Affairs, SCSU

Jim Gildea | Director of Manufacturing, Bigelow Tea

11:45 – 12:45 Networking Lunch

Leed Himmel

Manufacturer of Aluminum Architectural Shapes

12:45 – 1:00 SCSU Shuttles to Leed Himmel 75 Leeder Hill Dr., Hamden, CT 06517

1:00 – 3:00 Tours of Leed Himmel **Adam Stern** | Vice President of Sales, Leed Himmel

3:00 – 3:15 Details for Day 2 **Carol Jenkins** | Education & Outreach Coordinator, CRISP at Yale/SCSU

3:15 Return to SCSU

Sign-in and Breakfast

8:00 – 8:30	Sign in, breakfast	
	Welcome	Dr. Melissa Hickey Director of Literacy/Reading, Connecticut State Department of Education
8:30 – 10:00	Safety Review	Dave Tuttle Chair of Manufacturing Technologies, Platt Technical High School
	Machining Process	
10:00 – 10:10	Short Break	

The Magical Mystery STEM Machine Project (In Shop)

		Dave Tuttle Chair of Manufacturing Technologies, Platt Technical High School
10:10 – 12:00	Begin production	Greg AmEnde Instructor of Manufacturing Technologies, Platt Technical High School
		Drew Most Chair of Manufacturing Technologies, Bullard Havens Technical High School

Working Lunch with Panel (In Platt Tech Cafeteria)

		George Muench, Ph.D. Engineer, Precision Combustion
12:00 – 1:00	Questions and discussions with industry panel	Kris Lorch President, Alloy Engineering
		Kathy Saint President, Schwerdtle Stamp
		Larry Smith Director of Engineering, Bridgeport Fittings

The Magical Mystery STEM Machine Project (In Shop)

		Dave Tuttle Chair of Manufacturing Technologies, Platt Technical High School
1:00 – 2:30	Continue production	Greg AmEnde Instructor of Manufacturing Technologies, Platt Technical High School
		Drew Most Chair of Manufacturing Technologies, Bullard Havens Technical High School
2:30 – 2:45	Coffee Break	
2:45 – 3:30	Lesson plan information collection	Yvonne Klancko Klancko & Klancko, LLC; Education Specialist

Sign-in and Breakfast

8:00 – 8:30	Sign in, breakfast	
	Welcome remarks	Gayle Slossberg State Senator; Education Committee Scott Zito Principal, Platt Technical High School
8:30 – 8:45	Review of Days 1 & 2	Dave Tuttle Chair of Manufacturing Technologies, Platt Technical High School
8:45 – 9:15	NGSS discussion	Yvonne Klancko Klancko & Klancko, LLC; Education Specialist

The Magical Mystery STEM Machine Project (In Shop)

		Dave Tuttle Chair of Manufacturing Technologies, Platt Technical High School
9:15 – 11:45	Continue production	Greg AmEnde Instructor of Manufacturing Technologies, Platt Technical High School Drew Most Chair of Manufacturing Technologies, Bullard Havens Technical High School

Working Lunch with Panel (In Cafeteria)

11:30 – 12:30	Questions and discussions with industry panel	Eric Noack Director of Operations, Orchid Orthopedic Solutions Bruce Taylor Senior Research Engineer, KX Technologies, LLC Tom Barrett President, DiSanto Technology
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The Magical Mystery STEM Machine Project (In Shop)

12:30 – 1:30	Finish production	Dave Tuttle Chair of Manufacturing Technologies, Platt Technical High School
1:30 – 1:40	Coffee Break	Greg AmEnde Instructor of Manufacturing Technologies, Platt Technical High School Drew Most Chair of Manufacturing Technologies, Bullard Havens Technical High School

The Classroom Connection (In Shop)

1:40 – 2:40	Possibilities for a lesson plan	Yvonne Klancko Klancko & Klancko, LLC; Education Specialist
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Wrap Up (In Shop)

2:40 – 3:00	Surveys Day 4 (Optional) Information	Carol Jenkins Education & Outreach Coordinator, CRISP at Yale/SCSU
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Tours of Assa Abloy

9:15 Meet at Assa Abloy front
entrance

9:30 – 12:00 Tours **Bill Grambo** | General Manager, Sargent Manufacturing Company

Lunch
