DDCTALKS

WEDNESDAY 02—15—12
1:30PM—3:30PM

THE LITTLE THEATER
LAGUARDIA COMMUNITY COLLEGE

SUSTAINABILITY AND ENERGY MANAGEMENT

AT NYU LANGONE MEDICAL CENTER

PAUL SCHWABACHER
SENIOR VICE PRESIDENT FOR FACILITIES MANAGEMENT AT NYU LANGONE MEDICAL CENTER

PAUL SCHWABACHER IS THE SENIOR VICE PRESIDENT FOR FACILITIES MANAGEMENT AT NYU LANGONE MEDICAL CENTER. HE IS RESPONSIBLE FOR THE OPERATIONS, MAINTENANCE AND CONSTRUCTION OF THE MEDICAL CENTER FACILITIES AS WELL AS OTHER DEPARTMENTS INCLUDING SECURITY, ENVIRONMENTAL HEALTH AND SAFETY AND CLINICAL ENGINEERING.
HE HAS AN EXTENSIVE BACKGROUND IN FACILITIES OPERATIONS AND THE DESIGN AND CONSTRUCTION OF CAPITAL PROJECTS, INCLUDING LARGE SCALE BUILDING PROGRAMS.

PAUL RECEIVED HIS BS IN MECHANICAL ENGINEERING FROM THE COOPER UNION AND AN MBA FROM COLUMBIA UNIVERSITY AND IS A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK.

HOW NYU LANGONE HAS MANAGED ITS BUILDING CONSTRUCTION AND ENGINEERING OPERATIONS TO REDUCE ITS CARBON FOOTPRINT BY 33% AND SAVED $15 MILLION IN ENERGY COSTS IN FOUR YEARS AND HOW WE PLAN TO REDUCE OUR CO2 EMISSIONS BY AN ADDITIONAL 30%.

LEARNING OBJECTIVES:

1) CHARACTERISTICS OF A COMPREHENSIVE AND EFFECTIVE SUSTAINABILITY AND ENERGY MANAGEMENT PROGRAM THAT ENCOMPASSES THE ENTIRE PROJECT LIFECYCLE INCLUDING PLANNING, DESIGN, CONSTRUCTION, COMMISSIONING, OPERATIONS AND MAINTENANCE.
2) OVERVIEW OF KEY ASPECTS OF NYULMC'S 10 YEAR CAMPUS TRANSFORMATION CAPITAL PROGRAM INVOLVING THE ADDITION OF 2.7 MILLION SF INCLUDING A NEW 800,000 SF STATE-OF-THE-ART HOSPITAL BUILDING PROJECTED TO BE LEED PLATINUM AND A COMBINED HEAT AND POWER COGENERATION PLANT. FOCUS WILL BE ON AN ENVIRONMENTAL FRAMEWORK USED AS A RESOURCE GUIDING DESIGN TEAMS AND A POLICY TOOL FOR IMPLEMENTATION OF SUSTAINABLE GUIDELINES. CASE STUDIES WILL BE REVIEWED INVOLVING EVALUATION OF BUILDING SKIN AND GLAZING, HVAC AND CENTRAL PLANT OPTIONS.
3) THE IMPORTANCE OF MEASUREMENT AND VERIFICATION FOR THE SUCCESS OF ENERGY CONSERVATION INITIATIVES AND METHODOLOGY TO QUANTIFY ACTUAL PERFORMANCE AND COST SAVINGS AND HOW TO CORRECT FOR WEATHER AND ENERGY COST FLUCTUATIONS. COST SAVINGS AND RETURN ON INVESTMENT INFORMATION AT NYULMC WILL BE REVIEWED.
4) DISCUSSION OF THE IMPORTANCE OF A CLOSE INTEGRATION OF THE DESIGN TEAM WITH OPERATIONS AND MAINTENANCE AND THE ONGOING MANAGEMENT OF ENERGY PERFORMANCE.

Space is limited.
To register, contact
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