

November 2016



Philadelphia Section AIHA Newsletter

November 2016 Half-Day Professional Development Course: “Crystalline Silica Update”

Please join us for our November half-day Professional Development Course, “Crystalline Silica Update”, being presented on Friday, November 11th at Drexel University’s Curtis Hall (Philadelphia, PA).

The Occupational Safety and Health Administration (OSHA) recently issued a final rule to curb lung cancer, silicosis, chronic obstructive pulmonary disease and kidney disease in America's workers by limiting their exposure to respirable crystalline silica. The rule is comprised of two standards, one for Construction and one for General Industry and Maritime. OSHA estimates that the rule will save over 600 lives and prevent more than 900 new cases of silicosis each year, once its effects are fully realized. The Final Rule is projected to provide net benefits of about \$7.7 billion, annually.

During our meeting, speakers will present an overview of the health and medical issues associated with crystalline silica exposure; review the requirement of the new Respirable Crystalline Silica Standard; present current information on sampling and analytical methods for assessing silica exposure; and present a novel method of controlling silica exposure by chemically treating silica sands to minimize employee exposure during Hydraulic Fracturing Activities.

Demand for this PDC is expected to be high; please register early to reserve your place at the event.

We hope you will be able to join us for this important and timely PDC.



Philadelphia Section AIHA

November 2016 Professional Development Course

“Crystalline Silica Update”

Friday, November 11th, 2016

Drexel University- Curtis Hall (3111-15 Chestnut Street, Philadelphia, PA 19104)

(see next page for directions)

Agenda (presentation titles subject to change)

- 7:30 AM Registration/Networking/Continental Breakfast
- 8:00 AM Welcome/Announcements
- 8:15 AM Welcome
Jerry Fagliano, MPH, PhD: Drexel University Dornsife School of Public Health, Environmental and Occupational Health Department
- 8:30 AM “The Hazards of Exposure to Silica”:
Arthur L. Frank, MD, PhD: Drexel University Dornsife School of Public Health, Environmental and Occupational Health Department
- 9:30 AM “The New OSHA Respirable Silica Standard: Regulatory and Compliance Aspects”
Invited OSHA Speaker
- 10:15 AM Break/Networking Opportunity
- 10:30 AM “The New OSHA Respirable Silica Standard: What You Need To Know: Sampling and Analysis”
Vincent M. Daliessio, Jr., CIH: EMSL Analytical
- 11:15 AM “Silica Dust Mitigation During Hydraulic Fracturing Activities”
Matthew Navea: Preferred Sands

Cost: \$ 40

Full-Time Students: **\$ 20**

(includes continental breakfast and lunch)

Payment for this meeting **MUST** be made at the door on the day of the PDC. No advance payments will be accepted. Payment must be made via cash or check **ONLY**, payable to “Philadelphia Section AIHA” (no credit cards or PO’s will be accepted, and we cannot invoice for the meeting).

Seating for this PDC is limited, and will be filled on a first-come, first-served basis. We expect this event to fill quickly, so early pre-registration is strongly recommended. **ALL persons attending MUST pre-register, and we will not be able to admit ANY walk-in attendees on the day of the PDC.**

To pre-register, please send an email with your **name and company affiliation** to register@philaaaiha.com before Noon on **Tuesday, November 8th**.

ABIH CM Points: This presentation may be eligible for ABIH CM credit. Please see the ABIH web site (www.abih.org) for CM credit criteria.

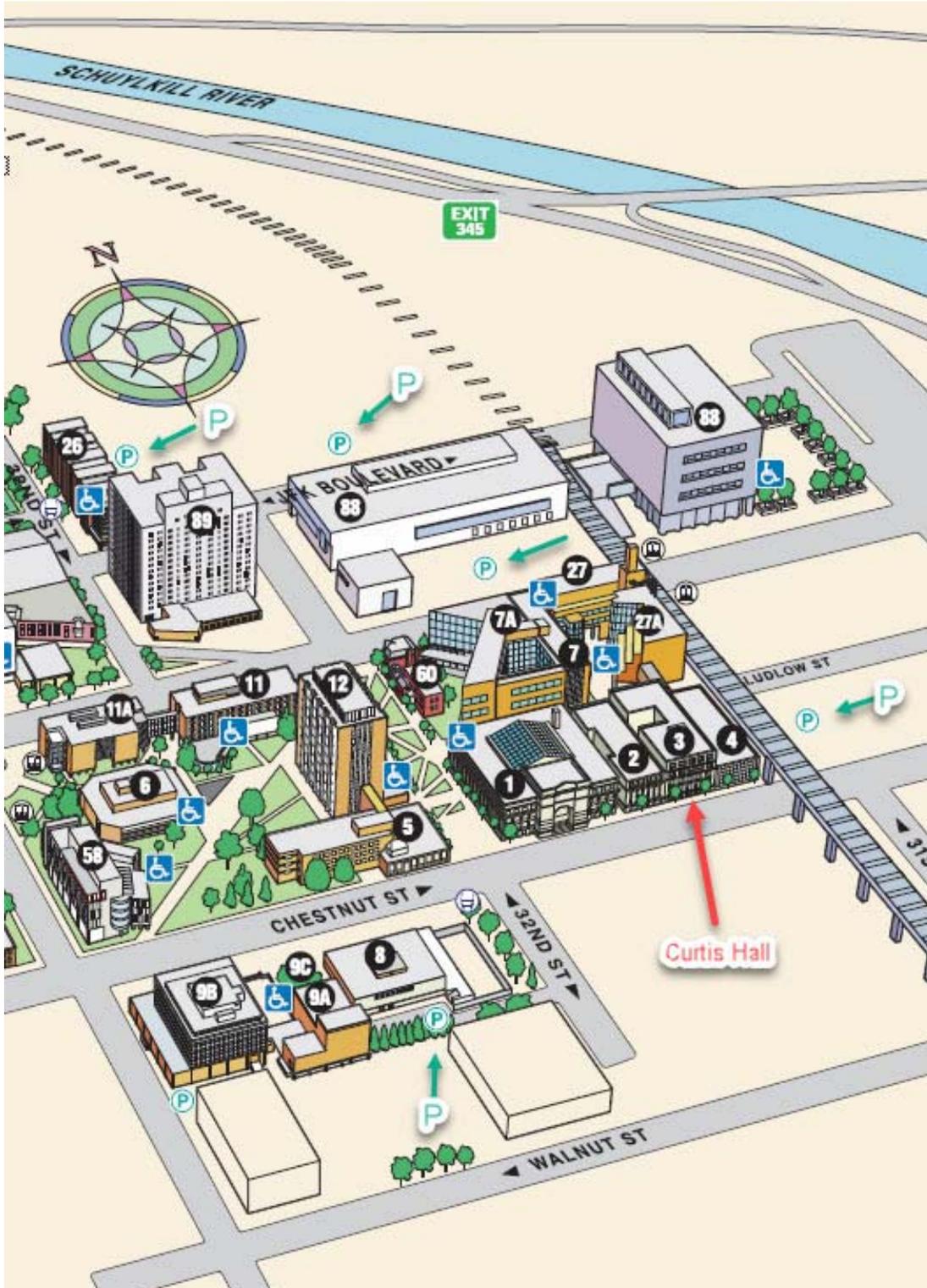
Drexel University- Curtis Hall

3111-15 Chestnut Street, Philadelphia, PA 19104

There are several parking lots in the area of Curtis Hall, as indicated on the campus diagram below.

Parking fees are the attendees' responsibility; there are no discounts available.

Curtis Hall is also a short walk/Uber from 30th Street Station.



Speakers/Presentations

The Hazards of Exposure to Silica: Arthur Frank, MD, PhD (Professor of Public Health and Professor of Medicine, Drexel University)

Dr. Frank, an occupational physician with a special interest in occupational lung diseases, including those caused by exposure to silica, will provide information on the health hazards of exposure to silica.

Arthur L. Frank received his M.D. degree from the Mount Sinai School of Medicine and his Ph.D. in biomedical sciences from the City University of New York. He was trained in both internal medicine and occupational medicine and holds board certification in both fields. As a commissioned officer in the Public Health Service, he conducted research at the National Cancer Institute. His major research activities have included the study of occupational lung diseases such as asbestosis and silicosis, occupational cancers, especially those related to asbestos exposure, and has worked in the area of agricultural safety and health.

The New OSHA Respirable Silica Standard – What You Need To Know: Sampling and Analysis: Vincent M. Daliessio Jr. CIH (Industrial Hygiene Project Manager, EMSL Analytical Inc.)

OSHA's new respirable silica standard for construction became effective last June - how will you demonstrate compliance with the new standard? The sampling equipment and analytical choices available are easy to use, and better than ever. With a little planning, accurate compliance measurements for respirable silica are within your reach.

Vince Daliessio earned his bachelor's degree in environmental science from West Chester University of PA in 1991. He earned his Certified Industrial Hygienist (CIH) designation from the American Board of Industrial Hygiene in 1997. Vince has designed and implemented comprehensive monitoring and sampling programs for volatile organic, inorganic, and radioactive materials, including high hazard chemicals. He is responsible for advising clients on applications of EPA, NIOSH and OSHA sampling and analysis to occupational and indoor air exposure issues, and assisting in the interpretation of sample results. One of his current projects is developing tools for evaluation of problem building materials. Vince is a member of the American Industrial Hygiene Association.

Silica Dust Mitigation During Hydraulic Fracturing Activities: Matthew Navea (Corporate Director, Environmental, Health and Safety, Preferred Sands)

Worker exposure to respirable crystalline silica (RCS) during hydraulic fracturing activities has been a known occupational health concern since the advent of increased volume of sand usage in well completion activities. This presentation will compare industrial hygiene results of a treated sand vs. non-treated sand at comparable well sites in the Haynesville shale formation.

Matt Navea has over twenty years of Environmental, Health and Safety (EHS) experience in the chemical, pharmaceutical, and the oil and gas industry. Currently with Preferred Sands, Mr. Navea has implemented and established proactive EHS policies, procedures and activities that have helped drive organizational compliance and success. Mr. Navea is part of the Preferred team that has supported the use of treated proppant sand as a safer alternative to untreated proppant sand to reduce worker exposure to respirable crystalline silica exposure during hydraulic fracturing activities. Mr. Navea is a member of the Philadelphia Chapter of the AIHA and earned his Bachelor of Science in Occupational Safety and Industrial Hygiene from Millersville University.



2016 Northeast Regional Industrial Hygiene Conference and Exposition

Friday, December 2nd, 2016

Registration is now open for the 2016 NE Regional Industrial Hygiene Conference and Exposition, to be held on Friday, December 2nd at the [Westin Princeton at Forrestal Village](#) in Princeton, NJ.

The NEIHC is being hosted by the New Jersey Section AIHA this year, and is co-sponsored by the Philadelphia and Metro New York Sections AIHA.

Presentations include:

"Risk Assessment and Control of Antibody-Drug Conjugates" (Robert Sussman, Ph.D., DABT and Charlyn Reihman, CIH - SafeBridge Consultants, Inc.)

"Updates to the Toxic Substances Control Act" (Neil A. Feldscher, CIH, CSP, Esq. - EHS Chief, NYC Department of Environmental Protection)

"What's New With Nano? Health and Safety Management for Engineered Nanomaterials in the Workplace" (Michele Shepard, PhD, MS, CIH - Colden Corporation)

"Federal OSHA Policy Changes and Updates in Washington" (Edward Foulke, Esq. - Fisher & Phillips LLP / Former Assist. Sec. of Labor - OSHA)

"Value of Health & Safety: Reaping Rewards, Reducing Burdens " (Frank J. Hearl, PE - Chief of Staff at NIOSH, Washington, DC)

"Reducing the Generation of Respirable Crystalline Silica during Hydraulic Fracturing Activities Using Treated Proppant Sand " (Matt Navea - Corporate EHS Director of Preferred Sands)

"Current Affairs of AIHA National and NJ Youth@Work Talking Safety Program" (Catherine A. Hovde CIH - Caterpillar, Inc. and Dan Anna, PhD, CIH - Johns Hopkins Applied Physics Lab / Past President of AIHA)

For additional information (conference brochure and registration instructions), please visit the New Jersey Section AIHA web site at www.njaiha.org.

EHS Professional Development Courses

Thursday, December 1st, 2016

In conjunction with the 2016 NE Regional Industrial Hygiene Conference and Exposition, the New Jersey Section AIHA will be presenting Professional Development Courses on Thursday, December 1st at [PSE&G's Hadley Road facility](#) in South Plainfield, NJ.

The PDCs being presented include:

"Ethical Fitness: A Method for Resolving Complex Dilemmas"

"Navigating OSHA's New Respirable Silica Rule"

"Elements of a Proactive Ergonomics Program and Ideas for Effective Implementation" and

"Effective Depositions"

For additional information on the PDCs, including course and instructor information and registration instructions), please visit the New Jersey Section AIHA web site at www.njaiha.org.

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