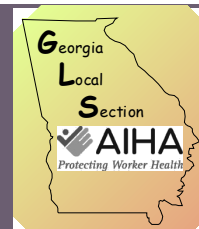


Georgia Local Section

Quarterly Newsletter

For electronic versions, see the [GLS Web page](#).



GLS President's Column – January 2012

GLS: The value of going Local

Greetings for 2012, and best wishes for happy healthy industrial hygiening in the coming year. As the clock ticks over, oranges and apples drop, and we look forward to a new year, it is worthwhile to consider the worth of this joint enterprise of the Georgia Local Section in which we are engaged. I think we all realize the importance of great coffee and high carb hydrogenated sweets at our local meetings, but is there more to GLS than this? I think so. We are involved as industrial hygienists in careers that are often narrowly focused on the objectives of our companies or agencies. We are technical by our own nature and the nature of our work and can get isolated from the larger issues in our field and society in general. The GLS helps us get out of our routine and see the expansive landscape of the forest where before we had seen only the next tree marking our little path. We collaborate with other like-minded souls through GLS, share our experience, and get new perspectives on issues that we face in common. Through GLS we also become part of a community committed to the goal

of a society in which health is not a commodity traded for wealth. That is a credible goal, and one which we do not achieve alone. Rather, we pursue that in collaboration with a long history of individuals of similar intent, and with a parent organization, AIHA, that speaks on our behalf for this purpose. This is a good thing. We are indeed fortunate to have a strong active local section here in Georgia.

This past year has taken our group to the Department of Energy's nuclear legacy site at Savannah River. We have had a historical review of the role of industrial hygiene in controlling silicosis with Robert Glenn, taken an inside peek at the legislative

process with Aaron Trippler, been wowed by presentations on the newest equipment technology by our dedicated vendors, taken a trip to Nigeria with Jim Durant and the CDC, and had lots more great IH, environmental, and safety adventures. And 2012 promises the same, beginning with the January 25th John Mulhausen/Perry Logan PDC "Improving Exposure Data Interpretation and Professional Judgment." Hope to see you all at GLS in 2012—spread the word that there are cheap CM points to be had at local section meetings, and, of course, lots of great coffee.

Best regards,

—*Art Wickman, CIH*
President, GLS

Reminder

The GLS Spring Meeting and Vendors' Day is Thursday, April 26, 2012!!

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Newsletter
January 2012

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CM Point Update

Attention CIH's, the American Board of Industrial Hygiene (ABIH) has made changes with regard to how they now handle certification maintenance (CM) points. As of November 28, 2011, ABIH has discontinued all CM point request reviews for Category 4 Education Events. This means effective 1 Jan 2012 for Diplomates, events can now be listed on the CM worksheets without a CM Approval number from ABIH.

However, this now means the responsibility falls on those Diplomates to make the calculations with regard to how many CM points they claim for an education event. At this time the current method to calculate these CM points is as follows:

- Courses: 0.167 CM points for each hour of technical content, minimum of 1 hour.
- Conferences: 0.5 CM points for each 3 hours of technical content.

- The point types of IH, IH Ethics, Safety, and Management are assigned based on the subject matter.

ABIH has indicated that in 2012 they will provide additional details to manage the transition, such as CM worksheet updates, point calculation tools, and new guidance documents. For future local section events we will no longer include in the event announcement information for "points applied for," but will instead include an estimate of the technical contact time. Future meeting announcements might include a statement such as, "This event contains 6 hours of technical contact time and is eligible for ABIH CM credit." The CIH will be responsible for doing the math and calculating the 1.0 CM (6.0 hrs x 0.167 CM) for their worksheet submittal.



GLS Needs You

The Georgia Local Section encourages our members to become more involved in Section activities. So, here I am giving you a wonderful opportunity to become more involved!

One of the jobs of the Past-President is to seek nominations for the next year's Georgia Local Section Executive Committee and the Board of Directors. Keeping in the spirit of the Iowa Caucus, I thought I would start my search for next year's board early. Mind you, it is much easier to campaign to our group than a bid for president of the United States. The GLS Board is seeking members to run for the following leadership positions:

- President Elect – this is a one-year term. The President-Elect automatically succeeds the current President the following year, and then serves as Past President for one year. You must be a member of National AIHA to serve in this position.
- Treasurer – this is a one year term.
- Secretary – this is a one-year term.
- Director – this is a two-year term.

Elections will be held sometime this spring, but there is no time like the present to put your hat in the ring. For more information about the positions, please see the GLS Bylaws by logging into the [GLS Web site](#). If you are interested in running for any of these positions, please provide a short bio and statement of interest (for ballot distribution) to Jenny Houlroyd at jenny.houlroyd@gtri.gatech.edu.



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GLS Continues to Support AIHF

The mission of the American Industrial Hygiene Foundation (AIHF) is to advance the profession by awarding scholarships for students in industrial hygiene and related disciplines. Since 1982, AIHF has distributed \$1,274,000 to 46 different schools and universities and 427 students at both the undergraduate and graduate level.

GLS has contributed an AIHA Local Section Scholarship for the past few years, with a current donation of \$2,000 toward the 2012 scholarship. The funds are earmarked for successful applicants from Emory University's School of Public Health and University of Georgia's College of Public Health.

Additional information on scholarships and the application may be found on the AIHA Foundation [Web site](#). AIHF scholarship applications must be submitted by **Friday, March 2, 2012**.

MSHA Cites Corporate Culture As Cause of Mine Disaster

ARLINGTON, Va. — The U.S. Department of Labor's Mine Safety and Health Administration announced that it has imposed a fine of \$10,825,368, the largest in agency history, following its investigation into the April 2010 explosion at the Upper Big Branch-South Mine, which was operated by Performance Coal Co., a subsidiary of Massey Energy Co. The investigation followed an explosion that killed 29 miners and injured two in the worst U.S. coal mining disaster in 40 years. A report concludes that Massey's corporate culture was the root cause of the tragedy. MSHA has issued Massey and PCC 369 citations and orders, including for an unprecedented 21 flagrant violations, which carry the most serious civil penalties available under the law.

[Read more...](#)

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AIHA Leadership Workshop

The AIHA Leadership Workshop, held November 4 – 6, 2011 in Baltimore, was an excellent opportunity for volunteer leaders to meet, network, strategize, and learn some new, useful ideas for energizing meetings, growing our volunteer base, leveraging the diversity of our membership, delegating so the work gets done, and many other insights. The workshop was attended by local section (Alex Lehocky for GLS) and student section presidents-elect, technical committee secretaries or vice-chairs, local section regional reps (Barb Epstein for South region), and AIHA national board of directors.

Facilitating the workshop was the dynamic Cynthia D'Amour, a leadership strategist/consultant. Cynthia has worked with a wide variety of organizations and teaches the concept of the "lazy leader" (think: being an inviter, bringing others with you to move the mission forward, hitting people's "hot buttons", etc.). Through a combination of lively presentations, break-out sessions including much interaction with colleagues, and brief updates from AIHA staff, much was learned that will be shared with and will benefit our membership locally and across the region. Watch for coming attractions!

Upcoming Meeting of Interest

Start off the New Year with friends at a heartwarming Atlanta Georgia Association of Occupational Nurses (AGAOHN) meeting on the Human/Pet bond and be sure to bring your canned food donation.

When: January 19th

Time: Dinner and Networking starting at 5:30 PM

Program: 6:45PM

Address: 3239 Satellite Blvd. Duluth, GA 30039-3941 CR 134 (off lobby)

Reservations: JRandolph1@cdc.gov

ABIH CM Points

The American Board of Industrial Hygiene has awarded certification maintenance (CM) points for the Spring (27 April 2011), Summer (21 July 2011, and Winter (25 October 2011) Georgia Local Section Meetings.

The approval numbers and CM points are:

April 2011: 11-1572 for 0.84 CM

July 2011: 11-3030 for 0.67 CM

October 2011: 11-4013 for 0.84 CM

*NOTE: All of this information is available on the GLS Web site under the "Members Section."

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Your 2011-12 Executive Board

Thank you to the members who are serving in these important positions. Here is your current Executive Board:

President: Art Wickman, CIH
art.wickman@gtri.gatech.edu
404.407.8088

President-Elect: Alex Lehocky, MS, CIH
Alex.Lehocky@usg.edu
404.657.7406

Past President: Jenny Houlroyd, MSPH
jenny.houlroyd@gtri.gatech.edu
404.407.8089

Secretary: Della Ridley, CIH, CSP
della.ridley@att.net
770-424-1220

Treasurer: Pat Brogan, PhD, CIH
pbrogan@bellsouth.net
770-966-1634

1st Year Director: Chris DePasquale, MPH, CIH
cdepasquale@gmail.com
770.499.7127

2nd Year Director: Kathryn T. Nichols, CIH
ktnichol@southernco.com
404-506-3532

Newsletter Editor: Vicki Ainslie
vicki@gatech.edu
404-407-6988

Treasurer's Report

Banking Summary - 2011
1/1/2011 through 12/31/2011

Category Description	1/1/2011- 12/31/2011
INCOME	
Uncategorized	14.85
Meeting Registration	3,311.39
Membership Receipts	3,126.11
Vendor Registration	2,833.20
TOTAL INCOME	9,085.55
EXPENSES	
Uncategorized	0.00
AIHA Leadership Conference Expense	436.60
Board Meeting Lunch	310.96
International Transaction Fee	16.20
Joe's Catering Tax Exmp Reimb	-63.42
Meeting Expense	1,969.04
Meeting Meal	3,852.80
Meeting Supplies	31.26
Presenter Travel Reimbursement	508.03
Presenter(s) Gift	450.00
Refund	43.00
Scholarships	2,000.00
Software Program	540.00
TOTAL EXPENSES	10,094.47
OVERALL TOTAL	-1,008.92

Balance Sheet - As of 1/5/2012
As of 1/5/2012 (Cash Basis)

Account	1/5/2012 Balance
ASSETS	
Cash and Bank Accounts	
Business Economy Chk 5451	20,903.93
TOTAL Cash and Bank Accounts	20,903.93
TOTAL ASSETS	20,903.93
LIABILITIES & EQUITY	
LIABILITIES	0.00
EQUITY	20,903.93
TOTAL LIABILITIES & EQUITY	20,903.93

Comments on AIHA and Local Sections MOU

The GLS Board intends to submit comments on the Memorandum of Understanding (MOU) that was developed by AIHA and distributed to Local Sections in December of 2011 for discussion and solicitation of comments. Our comments will address provisions regarding how membership information may be shared with AIHA. The draft MOU can be viewed at the [GLS Web site](#).

Over the past year, AIHA has undergone a comprehensive review of programs, products, services, and activities in an effort to address a deficit budget and to better

align these programs and services with the mission and goals of the organization. As part of the review process, a Board subgroup was tasked with looking at Local Sections. That subgroup was comprised of AIHA Board members Dave Roskelley, Elizabeth Pullen, Cheri Marcham, Dianne Grote-Adams, and Jeff Throckmorton, Chair of the Local Sections Council. While the subgroup did not make any recommendations regarding the current local section structure, they did engage in thoughtful discussion about ways to more closely unify the

missions and goals of AIHA and local sections. As a result of those discussions, the subgroup has drafted an MOU that they hope will ensure that each organization understands its role in the partnership and further clarify roles and responsibilities. The AIHA Board believes that the implementation of a more formal agreement such as this MOU will further communication among industrial hygienists at the local and national levels, will increase stability in the profession, and will strengthen both the local sections and AIHA.



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The 2011 year started with a balance of \$21,912.85 in our Bank of America account. A \$2,000 difference between the year's income and expenses occurs because AIHA cashed the \$2,000 check written for the AIH Foundation Scholarship contribution in December 2010, in January 2011.

— Submitted by *Pat Brogan, PhD, CIH, GLS Treasurer*

PDC Offered at Winter Meeting of the GLS, 25 January 2012

The Winter meeting will be Wednesday, 25 January 2012 from 8:30 AM - 4:30 PM (check-in and registration at 8:30 AM) at the **Georgia Tech Research Institute Conference Center, 250 14th Street NW, Atlanta, GA 30318**. Parking on-site is *free*. Additional information and directions may be found on the [GLS Web site](#) (click on "Events").

PDC Title: *Improving Exposure Data Interpretation and Professional Judgment*

Course Content: An increased understanding of human decision-making processes and advances in statistical tools offer exciting opportunities for improving the accuracy, efficiency, and transparency of our exposure judgments. These tools can be used to formally combine our professional judgment regarding a particular exposure and its uncertainty along with the statistical analysis of current exposure data. The approach holds promise for expressing the output of exposure assessments in a manner that is much more easily understood and communicated than the output from more traditional approaches. Best of all, the decision analysis approach formalizes traditional exposure assessment processes already used by industrial hygienists today.

PDC Presenters:

John R. Mulhausen, PhD, CIH, CSP

Mulhausen, an AIHA Fellow, is the Director of Corporate Safety and Industrial hygiene at 3M. He received his BA in chemistry from St. Olaf College followed by an MS and a PhD in environmental health from the University of Minnesota. Mulhausen is also an adjunct assistant professor at the University of Minnesota School of Public Health. Mulhausen is a member of the National Institute for Occupational Safety and Health Board of Scientific Counselors; the Midwest Center for Occupational Health and Safety Advisory Board; the University of Minnesota Industrial Hygiene Advisory Forum; the AIHA Exposure Assessment Strategies Committee; the Delta Omega Honorary Public Health Society; and the AIHA Upper Midwest Section. He was the 2002 recipient of the AIHA Edward J. Baier Technical Achievement Award and most recently, the recipient of the Henry F. Smyth Jr. Award (2009).


Perry Logan, PhD, CIH

Perry is currently manager for 3M Corporate Industrial Hygiene. He holds degrees in chemical engineering (BS), industrial hygiene (MS) and environmental health (PhD). His previous experience includes environmental, health and safety at large chemical manufacturing facilities, industrial hygiene consulting, hazardous waste operations, and emergency response. Perry has made numerous technical presentations on comprehensive exposure assessment, mathematical exposure modeling, surface and air sampling system technologies, and FTIR methods for industrial hygiene. He is a current instructor for "Bayesian Statistics for IH" and "Exposure Assessment Strategies and Statistics" and a past instructor for several other professional development courses (PDCs) related to gas / vapor detection and professional judgment decision making. Perry was the 2006 Kusnetz Award recipient, past chair of AIHA's Exposure Assessment Strategies Committee (2009) and AIHA's Gas and Vapor Detection Systems (2002) Committees. Perry is currently President of the Academy of Industrial Hygiene.

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AIHA Mold Fact Sheet

In December 2011 AIHA released an updated version of its "Facts about Mold" brochure, written by members of AIHA's Biosafety & Environmental Microbiology and Indoor Environmental Quality Committees. The updated version provides practical information on the management of mold in office buildings, schools, industrial workplaces and homes "Facts about Mold" can be found on the AIHA website at

<http://www.aiha.org/news-pubs/newsroom/Documents/Facts%20About%20Mold%20December%202011.pdf>

Youth Training Courses

The Center for Young Worker Safety and Health at Georgia Tech Research Institute now offers five different training sessions, free of charge, through funding from a Susan Harwood Capacity Building Grant. These trainings include:

- **Young Worker Safety and Health General Awareness Training:** This one- to two-hour session focuses on the importance of young worker safety and health. In particular, this training will cover young worker rights and US Department of Labor child laws. This training is designed to be presented for all audiences: young workers, employers, teachers, and parents of young workers.
- **Young Worker Safety and Health Training for Instructors and Employers:** This four-hour workshop provides employers and teachers all the resources they need to train young workers and help cross that generational divide. Participants in this class will receive both lesson plans and PowerPoint presentations needed to train young workers.
- **A Safety and Health Primer for Young Workers:** This training is designed for young workers, ages 15-24, as they enter the workforce. This class is designed to be delivered in either a classroom setting or at a place of employment.

continued on page 10

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Poster and Video Contest



The Center for Young Worker Safety and Health is pleased to announce the 2012 Poster and Video Contests! We are thrilled that **FabEnCo** is sponsoring cash prizes for the winners of each contest. One team member from the grand prize winning team and a chaperone (e.g., parent/guardian/teacher) also receive a trip to Washington, DC for the North American Occupational Safety and Health Week!

For more information about the contest and details on how to enter, please check out the Young Worker [Web site](#).

PDC Lineup for 2012 AIHce

Registration for AIHce 2012 in Indianapolis is now open, and the conference promises an excellent lineup of PDCs to start off the week. For more info, see the [AIHce Web site](#).

PDC's offered June 15-17, 2012.

PDC 001-002	Friday, Saturday & Sunday, 8 AM-4:30 PM
PDC 003	Friday & Saturday, 8 AM-5 PM
PDC 020-112	Saturday, 8 AM-5 PM
PDC 200's	Saturday, 8 AM-12 PM
PDC 300's	Saturday, 1-5 PM
PDC 400's	Sunday, 8 AM-5 PMp
PDC 500's	Sunday, 8 AM-12 PM
PDC 600's	Sunday, 1-5 PM
PDC 700's & 010	Saturday & Sunday, 8 AM-5 PM

PDC 001 - Certified Safety Professional (CSP) Exam Preparation Workshop

PDC 002 - CHMM Preparation: Essentials of Hazardous Materials Management (EHMM)

PDC 003 - QEP Preparation: Environmental Science, Management, Policy and Environmental Review

PDC 010* - Registry Preparation: 4-Gas Monitor/PID Field Use

PDC 020* - Registry Preparation: MSDS and Label Authoring

PDC 101 - Bayesian Statistics: Overview and Applications in IH Data Interpretation

PDC 102 - Biological Safety 1: Fundamentals of Biosafety

PDC 103 - Ergonomics Toolkit: Application of Common Ergonomic Assessment Tools

PDC 104 - GHS and OSHA Hazard Communication Implementation

PDC 105 - Implementing a Combustible Dust Program Saturday

PDC 106* - Incorporating Prevention through Design Methods into the Design and Re-design Process

PDC 107* - Moisture Evaluations in Green and LEED Construction

PDC 108 - Practical Applications of Portable Radiation Instruments

PDC 109* - Sustainability Measures and Metrics: Changing the World Through Transparency

PDC 110 - Product Stewardship: Chemical and Consumer Products Risk Management

PDC 111 - Wellness and Health Education: Connecting IH and Worker Health

PDC 112 - Worker Fatigue Risk Management:



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Applying New Standards

PDC 201 - Introduction to EHS for the Nanotechnology Industry

PDC 202 - Creative Strategies for Adult Learners

PDC 203* - Case Studies on Ethical Decision Making

PDC 301* - Defining and Evaluating Data Quality for Exposure Assessment

PDC 302* - Emergency Response: Application of Online Resources

PDC 303 - Applied Concepts of Nanotechnology for the EHS Professional

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PDC Lineup for 2012 AIHce (cont.)

- PDC 304 - Noise Exposure Assessment: Sampling Strategy and Data Acquisition
- PDC 401* - A New Look at Permit Spaces
- PDC 402 - Application of Advanced Ergonomic Assessment Tools
- PDC 403 - Applying and Implementing Health Hazard and Control Banding Strategies
- PDC 404 - Case Studies in Biological Monitoring
- PDC 405 - Engineering Controls to Minimize Fugitive Dusts
- PDC 406 - Exceptional Functional Leadership
- PDC 407 - Fundamentals of Chemical Protective Clothing
- PDC 408 - GHS: The New Hazard Communication
- PDC 409 - Introduction to Risk Assessment for the Industrial Hygienist
- PDC 410* - Lean Safety, Health, and Sustainability
- PDC 411 - Methods and Applications for Exposure Assessment Chemical Detection in Real Time
- PDC 412 - Mold Recognition: Effective Sampling Strategies and Results Interpretation
- PDC 413 - Noise Control Engineering
- PDC 414 - Nonionizing Radiation, Hands-on Measurements
- PDC 415 - Ramping Up Your Hearing Protection and Jazzing Up Your Hearing Conservation
- PDC 416 - REACH: A Risk Management Strategy
- PDC 417* - Surface Disinfection for Infection Prevention
- PDC 418 - Surface Sampling for Metals: Issues, Methods, and Strategy
- PDC 419* - The Value Strategy Business Case Study
- PDC 420 - Vapor Intrusion Investigation and Mitigation:



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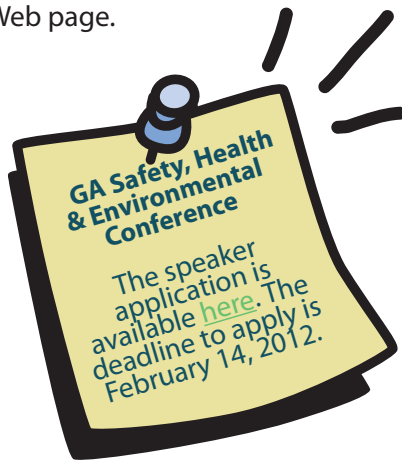


- Advances in Assessment and Practice
- PDC 421 - Welding: IH's Latest Challenge
- PDC 422 - Writing Effective IH Reports
- PDC 501 - Particle Size-Selective Aerosol Sampling: Respirable, Thoracic, Inhalable
- PDC 502* - Case Studies on Ethical Decision Making
- PDC 503 - Smart Devices and the EHS Professional
- PDC 504* - Tools for Building Green in Health Care
- PDC 601 - CBRN Respirator Selection, Use, and Maintenance Guidelines
- PDC 602* - Disaster Responder: Protection for Workers in Hot Environments
- PDC 603 - Exposure Assessment Using Whole-Air Sampling Techniques
- PDC 604* - Strategies for Managing Odor Annoyance in the Workplace
- PDC 701* - ANSI Z10 (2012): Continual Improvement System for Sustainable HSE Management
- PDC 702 - Creation, Measurement and Communication of EHS Business Value
- PDC 703 - NFPA 70E (2012): Basic Electrical Safety/Arc Flash
- PDC 704 - Exposure Assessment Strategies and Statistics
- PDC 705 - Exposure Modeling: Using Mathematical Models to Estimate Exposure
- PDC 706 - Professional Judgment in Exposure Assessment Decision Making
- PDC 707 - The Art of Safety: Mastering Communication Techniques

*New

Total Worker Health™—What is it?

NIOSH has published some insightful and useful information on this concept, which they describe as “a strategy integrating occupational safety and health with health promotion to prevent worker injury and illness and to advance health and well-being.” There is increasing evidence that the work environment and the overall health, safety, and well-being of its employees are strongly connected. There are numerous relevant issues affecting workers and workplaces, and also within the realm of employment in general. Read more at NIOSH’s Total Health Web page.



SkillsUSA Judges Needed

The SkillsUSA Georgia State Leadership and Skills Conference will be held March 15 – 17, 2012 at the Atlanta Gateway Marriot and Georgia International Convention Center. The student members have prepared for this culminating event over the course of several months and for some, several years. Volunteers are needed to serve as a Leadership Contest Judge and allow the students the opportunity to demonstrate their skills. An investment of a few hours with these students goes a long way to ensure a lifetime of success for them. If you are able to assist, simply contact Debbie Peabody, 770-845-2955 or via email at dpeabody@henry.k12.ga.us. You will be contacted to confirm your judging schedule. Judging will take place at the Atlanta Gateway Marriott, 2020 Convention Center Concourse, College Park, GA 30337 and the conveniently connected Georgia International Convention Center, 200 Convention Center Concourse, College Park, GA 30337.



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Youth Center Training (cont.)

- *Young Worker Safety and Health Training for the Cosmetology Industry:* This training will provide an interactive 1 hour training module designed to engage and promote class participation for young workers who are seeking employment or have recently entered the cosmetology industry.
- *Young Worker Safety and Health Training for the Healthcare Industry:* This training will provide an interactive approach to training young workers about the hazards in the healthcare industry. The module will be designed to be presented to either young workers or to their employers and instructors. Module IV will contain components to train employers and instructors on methods to better prepare young workers about safety and health principles in the healthcare industry.