

**BCSP** | Board of Certified<sup>®</sup>  
Safety Professionals

ANNUAL REPORT

2022



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# Letter from the President and Chief Executive Officer

At BCSP, our reputation as the leader in safety, health, and environmental (SH&E) certification dates back more than 50 years. It started with the Certified Safety Professional (CSP) and has grown to encompass our eight certifications and 10 total credential offerings that serve safety practitioners at different stages and experience levels throughout their career journeys.

While certifying competency remains at the heart of what we do, it does not tell our whole story. We are honored to support a vast group of knowledgeable and determined stakeholders who are leading the way in making the world a safer place. It is because of them that we continually pursue our mission to inspire and develop leaders, enhance careers, advance the profession, and protect people.

That mission serves as the driving force for our organization, and in 2022 we pursued new and innovative ways to engage with our stakeholders, advocate for safety, and better equip safety professionals everywhere, adding further value for our more than 60,000 active credential holders.

Our inaugural Global Learning Summit (GLS) in May was a first-of-its-kind professional development opportunity in size, scope, and accessibility, utilizing a virtual platform to offer three days and over 150 hours of sessions from industry leaders on the most important

topics in our field today. At the remarkably low price of only \$25 USD, the event drew over 4,500 attendees from 56 countries.

In October, we traveled to Dubai to meet with industry leaders in the region of India, the Middle East, and Africa (IMEA). We held an Industry Roundtable discussion on furthering safety practice through certification and signed a Memorandum of Understanding with the Kuwait Society of Engineers. Our BCSP regional office, based in Dubai, is creating greater awareness for safety and the value of certification in the region. With expansive growth and massive building projects in IMEA, BCSP has a substantial opportunity to positively impact the work and workers in that part of the world.

The Dubai visit highlighted the importance of relationships in accomplishing our mission. In 2022, we continued to build and nurture relationships that are beneficial for our credential holders and the future of safety. We are proud now to maintain more than a dozen official industry and government partnerships. This year we:

- Renewed our collaborative partnership with the National Institute for Occupational Safety and Health (NIOSH), aimed at improving safety and health at workplaces throughout the United States and enhancing the development of safety and health professionals;

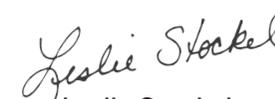
- Launched a partnership with world-renowned Dale Carnegie Training to provide leadership courses targeted specifically at safety professionals; and
- Entered into a partnership with Find Safety Trainers LLC to validate BCSP credential holders in their online directory with verified credential badges, enhancing their visibility for companies seeking quality trainers.

This year also saw our newly formed Emerging Professionals Committee officially announced. With an eye always toward the future, we established this seven-member committee to help us reach the newest generation of SH&E professionals and further identify ways to assist them in their careers. From scholarship opportunities to mentorship to career insight, the committee is equipped with tools to aid young professionals along their journey.

While we are always seeking to grow, we remain dedicated to the principles that differentiate our credential holders in the field. Through our rigorous exams and recertification process, we recognize safety professionals who are committed to learning both now and for a lifetime.

Our continued accreditation through the ANSI National Accreditation Board serves as a testament to the quality and rigor of BCSP credentials and signifies credential holders' achievements and qualifications adhere to recognized and respected global standards.

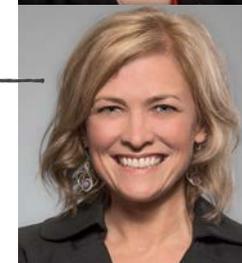
We are grateful for the dedication of safety professionals everywhere. As 2022 demonstrated, BCSP will continually strive to add value for our stakeholders and lead the way forward. We will always advocate for the growth of safety practice and seek new ways to benefit SH&E practitioners.



**Leslie Stockel**  
PhD, CSP, SMS  
President (2022)



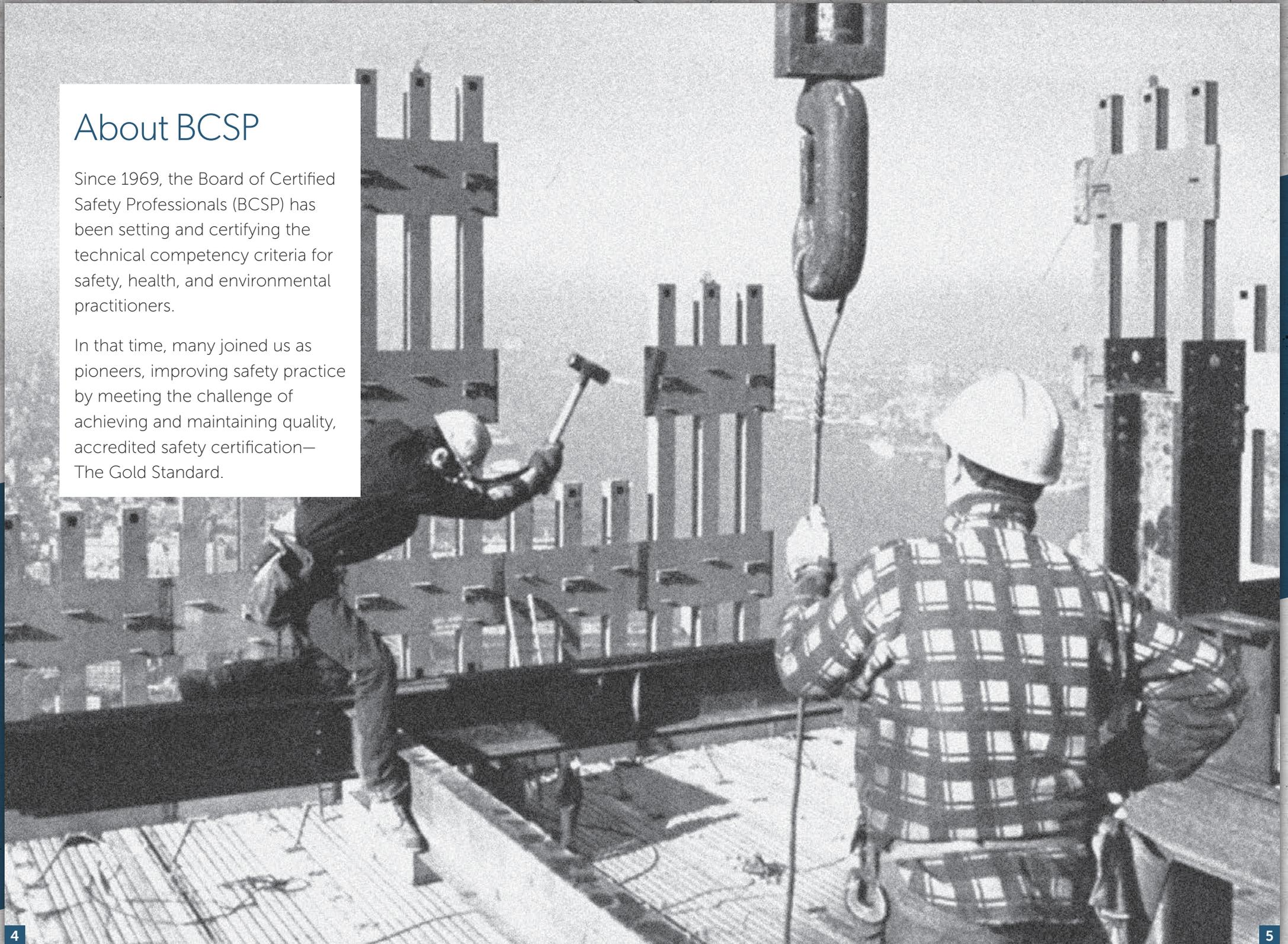
**Christy Uden**  
CAE, IOM  
Chief Executive Officer



## About BCSP

Since 1969, the Board of Certified Safety Professionals (BCSP) has been setting and certifying the technical competency criteria for safety, health, and environmental practitioners.

In that time, many joined us as pioneers, improving safety practice by meeting the challenge of achieving and maintaining quality, accredited safety certification—The Gold Standard.



# 2022 Leadership

The BCSP-elected Board of Directors is composed of members who represent a cross section of the safety profession and the public. Directors may be chosen from nominations by BCSP's endorsing organizations or at-large. At least one member is a Public Director not involved with the safety profession who represents public interests. All Directors volunteer their time and services to attend semi-annual board meetings, participate in committee meetings and activities, review certification-related initiatives, and oversee other BCSP matters.

## OFFICERS



**Leslie Stockel**  
**PRESIDENT**  
PhD, CSP, SMS



**Bruce K. Lyon**  
**VICE PRESIDENT**  
CSP, SMS, P.E., ARM, CHMM, FASSP



**V. Raymond (Ray) Ferrara**  
**TREASURER**  
CFP



**Christy Uden**  
**CEO, SECRETARY**  
CAE, IOM



**Joaquin M. Diaz**  
**PAST PRESIDENT**  
CSP, CHST, OHST, CIH, QEP

## DIRECTORS



**Teresa A. Cole**  
CSP, CHMM



**Ashok Garlapati**  
CSP, FASSP, CFIOOSH, QEP



**Jay R. Harf**  
PhD, CSP



**Mary Hjorth**  
SPHR, SHRM-SCP



**Bruce D. Hollcroft**  
CSP, ARM, CHMM



**Daniel G. Hopwood**  
MPH, CSP, SMS, ARM



**Patricia A. Kagerer**  
CSP, ARM, CPCU, CRIS



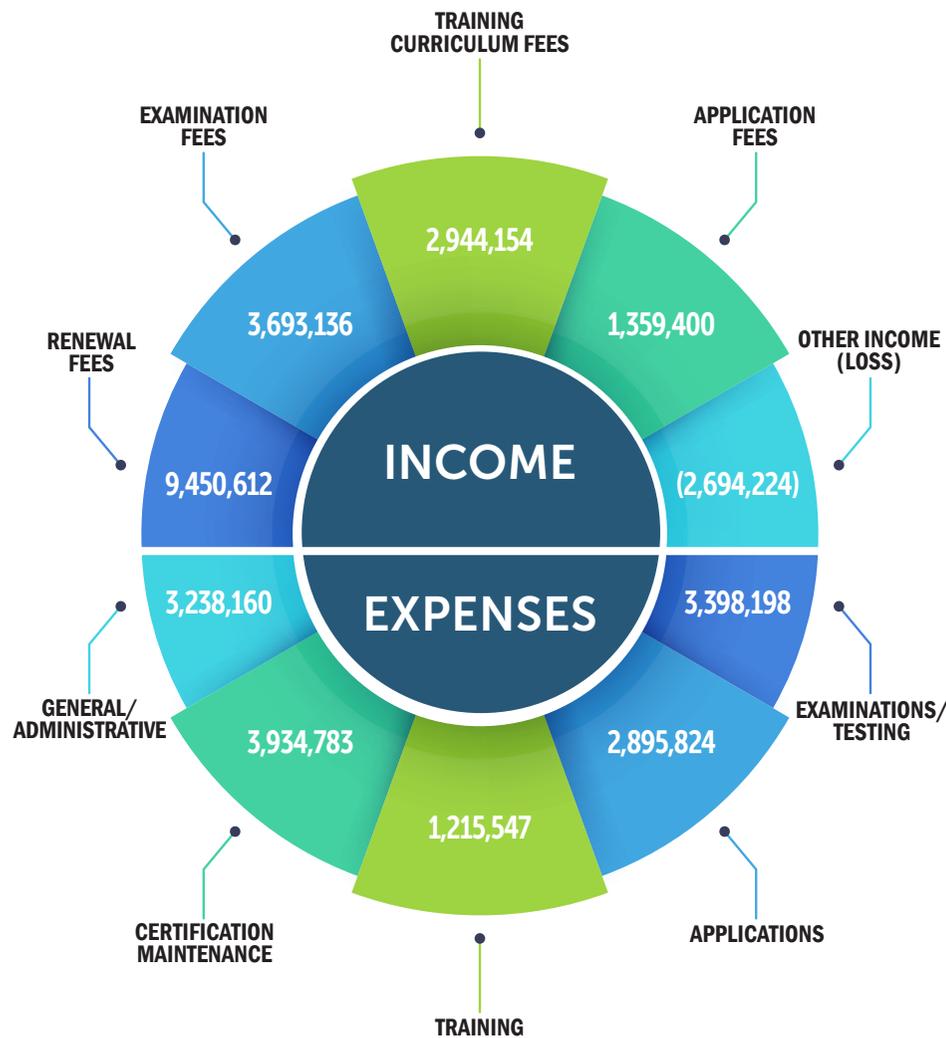
**Regina McMichael**  
CSP, CIT



**Donald A. Robinson**  
PhD, CSP, P.E., ARM-E

# Business Activities

BCSP has five sources of operational income: application fees covering application and evaluation processing costs; examination fees covering basic costs for registration, exam delivery, reporting of results, and analysis of exam performance; renewal fees covering governance, exam development and maintenance, facilities, equipment, supplies, and other support services and expenses; training curriculum fees; and other miscellaneous income including the sale of eligibility extensions, self-assessments, etc.



## CREDENTIALS

	ACTIVE CREDENTIALS			NEW CREDENTIALS		
	2020	2021	2022	2020	2021	2022
<b>CSP</b>	20,634	21,747	22,450	1,599	2,050	1,662
<b>SMS</b>	1,458	1,598	1,550	161	201	177
<b>ASP</b>	6,318	6,807	6,940	1,412	1,749	1,457
<b>OHST</b>	2,016	1,976	1,959	112	132	145
<b>CHST</b>	8,708	9,352	9,871	1,017	1,280	1,110
<b>STS</b>	2,589	2,254	2,142	207	281	286
<b>STSC</b>	7,379	6,719	6,723	694	843	916
<b>CIT</b>	930	981	1,024	106	120	116
<b>GSP</b>	6,530	6,932	7,472	1,827	1,553	1,665
<b>TSP</b>	833	796	823	538	314	265
<b>TOTALS</b>	<b>57,395</b>	<b>59,162</b>	<b>60,954</b>	<b>7,673</b>	<b>8,523</b>	<b>7,799</b>

## CERTIFICATION EXAMS TAKEN

	ASP	CHST	CIT	CSP	OHST	SMS	STS	STSC
Number of Candidates	2,048	2,021	165	2,632	189	246	467	1,355
Mean Score	116.2	117.4	62.2	116.3	123.9	117.1	60.4	66.1
Pass Rate	71.14%	54.72%	69.88%	63.07%	67.19%	71.95%	61.45%	67.82%
Standard Deviation	19.3	21.9	9.5	18.4	16.5	18.5	9.2	10.1
Standard Error of Measurement	6.47	6.63	4.44	6.54	6.38	5.48	4.02	4.43
Reliability	0.89	0.91	0.83	0.88	0.85	0.91	0.81	0.81

## RECERTIFICATION CYCLES

2022 RECERT INVALIDATIONS	
CERT	INVALID RECERT
ASP	320
CHST	390
CIT	41
CSP	565
OHST	84
SMS	222
STS	249
STSC	574
<b>TOTAL</b>	<b>2,445</b>

BCSP maintains high standards for its certifications and designations. Applicants must meet certain academic and professional experience requirements to be considered. After achieving the certification, they must submit recertification worksheets every five years to prove continued growth.



# Awards of Excellence

In 2012, BCSP created the Awards of Excellence program to celebrate achievements of excellence in safety for those individuals that hold an ASP, CSP, OHST, CHST, STS, or STSC. The recipients are selected based on their participation/performance within seven categories, including: technical expertise, voluntary contribution, mentoring program, honors/awards for innovations in new SH&E procedures, personal achievements related to the SH&E profession, personal summary, and endorsements from superiors, associates, or clients. The Lifetime Achievement Award is the highest BCSP award and is bestowed upon an individual selected by the BCSP Board of Directors. The recipient will have demonstrated an exceptional life-long commitment to the SH&E industry.



*Jack Donnelly*

## STSC AWARD OF EXCELLENCE

**Jack Donnelly, ASP, STSC** is an ESHQ integration manager for a private contractor managing 56 million gallons of nuclear waste stored in underground tanks. Donnelly previously served as a project manager for the Washington State Department of Ecology for seven years, overseeing the cleanup mission at the Hanford Nuclear Site. A 38-year industry veteran, he also served as a nuclear operations instructor at the Naval Reactors site at the Idaho National Engineering Laboratory.



*Sondra Lavoie*

## CHST AWARD OF EXCELLENCE

**Sondra Lavoie, CSP, ASP, CHST, STS, CRIS** is a safety and risk specialist in the Pacific Northwest. A previous recipient of the STS Award of Excellence, Lavoie transitioned to a career as a safety professional for a concrete placing company in 2008 and has spent the past 13 years in safety and risk management. Her diverse experience has cultivated a well-respected reputation throughout many industries, her clients, the community, and her colleagues.



*Steve Barrett*

## OHST AWARD OF EXCELLENCE

**Steve Barrett, CSP, OHST, CHST** is a risk operations manager for the business consultant firm BBSI, helping clients develop and enhance safety programs. His 16 years of experience in the profession include time as an EHS manager with Skanska, overseeing projects valued as high as \$350 million, and as a senior compliance officer with Oregon OSHA. He serves as co-chair and treasurer of the grassroots Construction Safety Summit, serving the greater Portland, Oregon construction industry.



*Jerry Arnold*

## ASP AWARD OF EXCELLENCE

**Jerry Arnold, CSP, ASP, CHST, CIT, STSC** has dedicated 17 years to safety across the public and private sectors, spanning industries from construction to maritime. He now serves as safety director for New Orleans construction firm Woodward Design and Build. After Hurricane Katrina in 2005, Arnold left his role with a Fortune 500 medical distribution company to work on a hurricane repairs project for NASA Michoud and the US Army Corps of Engineers as a site safety professional.



*Dr. Mark A. Friend*

## CSP AWARD OF EXCELLENCE

**Dr. Mark A. Friend, CSP** coordinates the Master of Science in Occupational Safety Management program at Embry-Riddle Aeronautical University in Daytona Beach. He also served as the executive director and co-technical lead for the Federal Aviation Administration Center of Excellence at ERAU. A co-founder of the National Occupational Safety and Health Educators' Association, Friend previously chaired the Department of Occupational Safety and Health at Murray State University and designed the Master of Science in Safety program at East Carolina University.



*Linda Tapp*

## LIFETIME ACHIEVEMENT AWARD

**Linda Tapp, ALCM, CSP, CPTD** is the president of SafetyFUNDamentals and has more than 34 years of experience across the United States, England, Germany, and the Netherlands. She is a frequent presenter and provides consulting services on occupational safety training techniques, specializing in those that increase retention and transfer. She has published more

than 50 articles and authored several safety training books, including her latest, "Make Your Safety Training Stick: Improve Retention and Get Better Results," published by the American Society of Safety Professionals (ASSP). She is also a contributor to ASSP's Safety Professionals Handbook and Consultants Business Development Guide.

Tapp has garnered numerous awards related to safety and entrepreneurship, including six different Safety Professional of the Year awards. She was the 2008 recipient of the Edgar Monsanto Queeny Safety Professional of the Year award, one of ASSP's highest honors.

The current vice president of finance for ASSP, Tapp also serves as a trustee for the ASSP Foundation, a director-at-large for the Board of Certification of Professional Ergonomists, and locally as a director on the Board of Literacy Volunteers. She served on the BCSP Board of Directors from 2004-2009, including roles as treasurer on the Executive Committee and as BCSP's representative on the Council for the Certification of Health and Safety Technologists.

# Partnerships & Advocacy

BCSP collaborates with a variety of organizations that share our vision of creating a safer world through SH&E leadership. In 2022, BCSP initiated or renewed several of these partnerships with public, private, and not-for-profit partners who are aligned with our mission—advancing the safety profession and raising awareness of the important roles that professionalism, leadership, and certification play in creating safer and healthier workplaces.

## GOVERNMENT AFFAIRS & ADVOCACY



BCSP and the National Institute for Occupational Safety and Health (NIOSH) renewed their collaborative partnership to enhance the professional development of safety and health practitioners and improve occupational safety and health at workplaces throughout the United States. Originally signed in 2012, the agreement as renewed at the beginning of 2022 continues efforts to improve the protection of workers through effective prevention strategies and technologies, as well as to encourage students and other professionals to choose occupational safety and health as a career and advance their competency in the field. The partnership was noted as a natural fit for both organizations, as “certified safety practitioners take the research and knowledge from NIOSH and put it into practice.”

## PARTNERSHIPS



BCSP began a partnership with Dale Carnegie (DC) following the success of the DC leadership course at the 2022 Global Learning Summit (GLS). Beginning in the summer of 2022, BCSP + DC launched several live, online and interactive courses delivered by professionals with SH&E experience. The courses enhance safety practitioners’ abilities to engage their team as a trusted safety partner, building professional leadership skills, influence, and impact.



Supporting BCSP credential holders, BCSP collaborated with Find Safety Trainers, an organization that offers a free online directory that connects safety professionals with businesses that need on-demand safety training and consulting services. As a result of the partnership, safety professionals using the directory can validate their BCSP credentials and gain BCSP Verified Credential Badges for their profiles, highlighting their status as a BCSP credential holder.



At the end of 2022, BCSP met with industry leaders from India, the Middle East, and Africa as part of an industry roundtable event in Dubai, UAE. Among the many connections created and strengthened, BCSP and the Kuwait Society of Engineers (KSE) formalized a partnership committing to using their expertise, technology, and resources to increase access to certifications and educational opportunities that will advance SH&E practice in the region.

## UNITED NATIONS & INTERNATIONAL LABOUR ORGANIZATION

As an Organization in Special Consultative Status with the United Nations Economic and Social Council (UN ECOSOC) since 2014, BCSP has supported ECOSOC on issues related to safety, health, and the environment.

In support of the International Labour Organization’s (ILO) World Day for Safety & Health at Work, BCSP and the BCSP Foundation hosted the third annual BCSP Virtual Career Fair, providing an opportunity for safety professionals from all over the world to take part in professional development seminars and explore employment opportunities with industry sponsors.

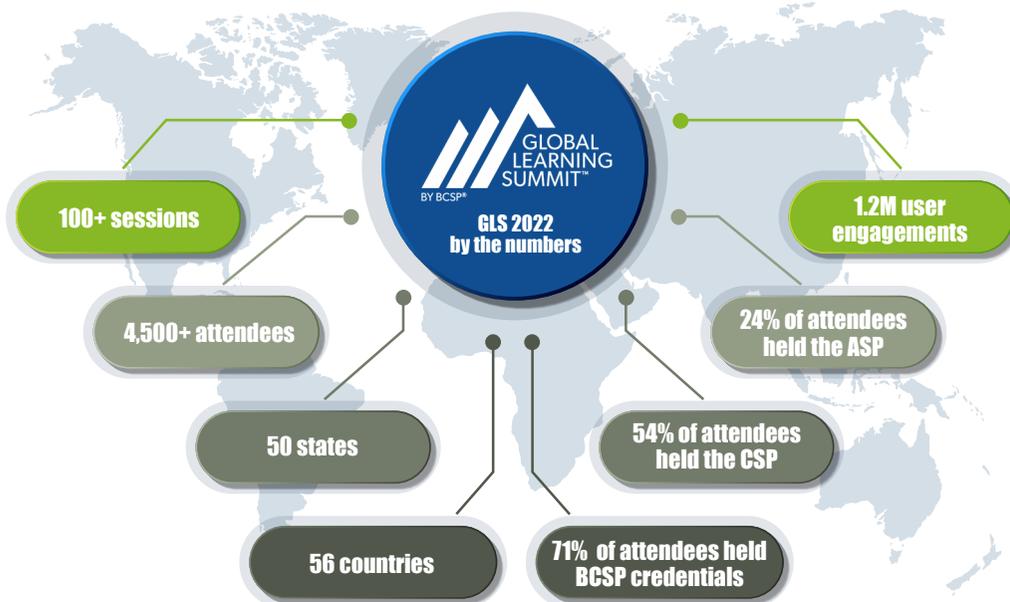


# Global Learning Summit Draws Thousands to Share SH&E Knowledge & Insights

After nearly a year of planning, BCSP held the first Global Learning Summit (GLS) from May 10-12, drawing speakers and participants from around the world to network and share knowledge.

**More than 4,500 attendees** registered for the event at a cost of just \$25. They received access to **more than 150 presentations**, both live and pre-recorded, spanning a range of important SH&E topics in today's rapidly-evolving landscape.

The three-day event drew **nearly 885,000 user engagements** and **more than 41,000 user contributions**. Participants spent **1.8 million minutes** inside the GLS platform and made **more than 11,000 connections**.



“ ”

I participated yesterday in the GLS, and I was blown away by the entire experience. We had hundreds attending the sessions. The chat was interactive, engaging, and fun. Thanks to everyone at BCSP for working so hard to deliver such an amazing event. You all made a difference in our safety profession by providing excellent content and easy access at an affordable price.

— Tricia Kagerer, CSP



# BCSP<sup>®</sup> Organization Scholarships

BCSP awards scholarships each year to outstanding SH&E students through the American Industrial Hygiene Foundation (AIHF), the American Society of Safety Professionals (ASSP), and the Association of General Contractors (AGC) of America. Scholarships went to these six deserving recipients in 2022.



**AVERY MCCLAIN**  
*Murray State University*



**GRACE HERAZY**  
*Auburn University*



**HELEN WU**  
*University of British Columbia*



**IVAN NAIL**  
*Auburn University*



**JAXON COWLES**  
*Auburn University*



**MICHAEL KADO**  
*University of California, Berkeley*

# QAP Scholarships 2022

► \$165,000 TO 32 STUDENTS

Each year, BCSP and the BCSP Foundation award Qualified Academic Program (QAP) Scholarships to deserving students who attend collegiate programs that BCSP has determined match the criteria needed to offer the Graduate Safety Practitioner (GSP) designation. Additionally, BCSP and the BCSP Foundation provide funds to EHS programs seeking accreditation or re-accreditation through ABET. Below are the names of the students who received the QAP Scholarships, and the two programs that received the ABET accreditation/re-accreditation grant.



**HANA COOLEY**  
Fairmont State University



**HANNAH OGGERINO**  
Montana Tech of the University of Montana



**JACOB WENZEL**  
Grand Valley State University



**JARED TARR**  
University of Central Missouri



**KARLY ST. AUBIN**  
Oakland University



**LINDSEY MADISON**  
Montana Tech of the University of Montana



**MADELYN CHITWOOD**  
Oakland University



**MADISON PIATAK**  
Indiana University of Pennsylvania



**ABBI WILLIAMS**  
Purdue University at West Lafayette



**BARTHLAMEO KIPLIMO**  
University of Central Missouri



**BENJAMIN SCHWALLER**  
University of Central Missouri



**BRADY HOOK**  
Oklahoma State University



**MARK KOHUT**  
University of Toledo



**MEGAN MANGIAFICO**  
East Carolina University



**MICHAEL COULSTON**  
Murray State University



**NIGEL MARQUEZ**  
Millersville University of Pennsylvania



**CASEY MORONES**  
Tulane University



**CHANDLER COTTAM**  
University of Utah



**CHELSEA MORROW**  
Indiana State University



**DAMYAN POPOV**  
University of Central Missouri



**RACHEL NIEVES**  
Utah State University



**REMY MINK**  
University of Michigan



**SABRINA STOUT**  
University of North Alabama



**SAMANTHA EWENS**  
University of Wisconsin-Whitewater



**EMILY MCELVEEN**  
Southeastern Louisiana University



**EMMA HARDING**  
Illinois State University



**ETHAN CAGLE**  
Murray State University



**HALEY RITCHIE**  
University of Findlay



**SARAH AKLADIOS**  
University of Houston-Clear Lake



**SHANEKIGUA MITCHELL**  
Marshall University



**SUMMER VEIHMAN**  
Montana Tech of the University of Montana



**SUSAN NITCH**  
Embry-Riddle Aeronautical University-Daytona Beach

## Endorsing organizations

BCSP's eight endorsing organizations ensure a wide range of industries and disciplines are represented through nominees for the BCSP Board of Directors.\* We are proud to have such strong partnerships in the safety, health, and environmental industry. Our work and efforts in advancing the profession are aided greatly by these organizations.

**We are stronger together than we are alone!**

**1974 — AMERICAN SOCIETY OF SAFETY PROFESSIONALS**

**1974 — AMERICAN INDUSTRIAL HYGIENE ASSOCIATION**

**1977 — INTERNATIONAL SYSTEM SAFETY SOCIETY**

**1984 — SOCIETY OF FIRE PROTECTION ENGINEERS**

**1994 — NATIONAL SAFETY COUNCIL**

**1994 — INSTITUTE OF INDUSTRIAL AND SYSTEMS ENGINEERS**

**2007 — NATIONAL FIRE PROTECTION ASSOCIATION**

**2012 — NATIONAL ENVIRONMENTAL, SAFETY AND HEALTH TRAINING ASSOCIATION**

*\*BCSP endorsing organizations have no direct role in BCSP governance and policies, and do not provide any funding or financial support.*

# Mission

We inspire and develop leaders in safety, health, and environmental practice through globally accredited certification; enhancing careers, advancing the profession, protecting people.



# Vision

A safer world through safety, health, and environmental leadership.

A photograph of an industrial facility, possibly a refinery or chemical plant, during sunset. The sky is a deep blue with some clouds, and the sun is low on the horizon, casting a warm orange glow over the scene. The foreground shows a concrete walkway and a large metal structure with pipes and scaffolding. In the background, there are large white storage tanks and more industrial structures. The overall atmosphere is industrial and serene.

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