The year 2005 was a challenging, productive, and rewarding year for CCHEST!

As of March 1, 2006, we have 1,195 OHST, 800 CHST, and 1,530 STS certificants. We anticipate an additional 130 OHST, 230 CHST, and 750 STS applications in 2006.

Our business plan was revisited in 2005 and included updating the action plan and adopting a budget that reflects the directions and actions set by the strategic plan. The objectives of the strategic plan are a long-term series of activities to enhance the effectiveness of the organization.

The overall planning processes and activities helped turn the organization from a caretaker role to a proactive approach to its future. It has helped change an organization that lost money for its first eight years to one that is financially sound and positioned to expand its products and improve its service, credibility, and sales.

Our strategic and business plans will be reviewed and updated at our Fall 2006 meeting to ensure our proactive approach is maintained.

The organization is to be commended for the rapid turnaround that it has achieved. Through its planning efforts, CCHEST has become a major certification organization in the safety, health, and environmental arena.

I would like to mention a few of the activities in which we are engaged:

A Department of Defense (DOD) directive sought a 50% reduction in non-combat injuries and death within two years. In response to the directive, the U.S. Army Command Readiness Center (CRC) at Fort Rucker, AL established a 15-week training program to prepare safety personnel to be assigned to brigade commanders around the world upon completion of their training. This training program is a joint services activity focused on enhancing safety professionalism and identified the Occupational Health and Safety Technologist (OHST) certification as the preferred certification for new graduates.

The safety director for the U.S. Army Corps of Engineers is seeking assistance from CCHEST in citing recommended certifications to be included in a six-tier system for construction contracts.

A presentation was made to the AFL/CIO Safety Committee concerning certifications appropriate to their organization.

A meeting was conducted with safety leaders at NASA headquarters regarding their use of safety certifications within the agency and among contractors.

A meeting with Mine Safety and Health Administration (MSHA) leaders was conducted to discuss certification programs and the need for developing a mining examination within the Safety Trained Supervisor (STS) certification program.

CCHEST programs are filling a need for validation of knowledge related to the safety profession for those individuals at the technician/technologist, manager/supervisor, and worker levels. Many of our certifications are used as a stepping stone toward further professional responsibilities by next level certifications. Our growth reflects efforts to push safety and health responsibilities deeper into the organization and into company culture. More and more employers are incorporating certifications as a leading indicator for their safety programs.

(Continued on Page 2)
2006 CCHEST BOARD OF DIRECTORS

President
Adrian Hertog, CSP, OHST (BCSP-elected)

Vice President
Linda Sennett, J.D. (Public Director)

Secretary-Treasurer
Rick P. Callor, CSP, STS (CCHEST-elected)

Past President
Kenneth D. Sheffield, OHST (ABIH-elected)

Jessica Bohan, OHST (ABIH-elected)

Gustavo J. Garcia, CSP, OHST, CHST (CCHEST-elected)

Kevin Moorhead, CHST (BCSP-elected)

Lisa Quiggle, CAIH (ABIH Board Representative)

Linda M. Tapp, CSP, ALCM (BCSP Board Representative)

(President’s Note, continued)

At our March 2006 meeting, the CCHEST Board of Directors requested that the Board of Certified Safety Professionals (BCSP) Board of Directors authorize a Program Director position assigned to CCHEST. The person selected for this full-time position would be responsible for the general advancement and administration of CCHEST certifications, products, programs, and affairs. Additional information concerning this position is included on page 3.

Our Board of Directors is comprised of a diverse group of individuals (different backgrounds, educations, and responsibilities) all with the same goal—to advance the safety and health profession at every level. It has been a pleasure to be associated with interested, concerned, and committed safety and health professionals.

My term as President and Board Member ends December 31, 2006. I have enjoyed serving on the CCHEST Board and helping advance the safety and health profession. Serving on a volunteer board has been a very rewarding experience and I would encourage you to volunteer to potentially become a board member.

Remember, YOU will achieve the level of safety and health YOU demonstrate YOU want!

CCHEST SEeks BOARD VOLUNTEERS

CCHEST is seeking volunteers for its 2007 Board of Directors. There are two positions to fill next year. If you are interested in serving as a CCHEST director, please submit a current resume by August 15, 2006 to the CCHEST Executive Director. If you have submitted a resume in the past, it has been retained for consideration and there is no need to resubmit a new one.

Directors serve a maximum of two, three-year terms, must attend the biannual governance meetings, and serve on Board committees. While CCHEST directors serve without pay, they are reimbursed for direct expenses related to CCHEST travel. All directors agree to comply with CCHEST’s fiduciary policy.

Every director nominated or elected by the CCHEST Board, other than the Public Director, must hold a CCHEST certification.

In filling director vacancies, the Board considers which CCHEST certifications are held, leadership experience, having participation from various areas of practice, geographic locations and industries, and other considerations that ensure broad representation.

CCHEST ELECTS OFFICERS AND A NEW DIRECTOR

In September 2005, CCHEST’s Board of Directors elected its officers for 2006. Current officers include: Adrian Hertog, CSP, OHST as President; Linda Sennett, J.D. as Vice President; and Rick P. Callor, CSP, STS as Secretary/Treasurer. Both the President and Vice President...
positions are one-year terms while the Secretary/Treasurer serves for two years.

Adrian Hertog is currently serving his second term on the CCHEST Board. He recently retired from the Burlington Northern Santa Fe (BNSF) Railway where he was the Safety Manager (Kansas Division). Mr. Hertog had been with BNSF Railway for 44 years. He holds an associate’s degree in Arts from the University of Minnesota. Mr. Hertog has served on the CCHEST Board as a BCSP Elected Director since 2000. He holds the OHST certification and the Certified Safety Professional (CSP) certification. Mr. Hertog resides in Overland Park, KS.

Linda Sennett is serving her second term. She was elected as a Public Director in 2002. She is currently a Managing Director and Consultant for The Polaris Team in Savannah, GA and Maryville, TN. Ms. Sennett is also an Adjunct Professor of Business Communication at the University of Tennessee. She holds a Bachelor of Arts degree in Applied Mathematics and Liberal Arts—graduating Cum Laude from the University of St. Thomas in Houston, TX. In addition, she holds a J.D. from South Texas College of Law and she is a member of both the Tennessee and Texas Bar Associations. She resides in Maryville, TN.

Rick Callor is serving his first term on the CCHEST Board as a CCHEST Elected Director. He is the Director, Corporate Safety Training for Washington Group International (WGI) in Boise, ID. Mr. Callor spent 23 years in the mining industry prior to joining WGI. He holds an A.A.S. in Occupational Safety and Health from Trinidad State Junior College. Mr. Callor obtained the STS in 2000 and achieved the CSP designation in 2005. He resides in Eagle, ID.

**CCHEST SEeks Applicants for Program Director Position**

CCHEST is growing. It has high-quality and nationally-accredited certification products that are making a difference for the broad safety and health community. CCHEST is financially healthy. It has opportunities on which it can capitalize. CCHEST also has a challenging future. The impact is that CCHEST is now recruiting for a new position—Program Director.

CCHEST is a joint venture of the Board of Certified Safety Professionals (BCSP) and the American Board of Industrial Hygiene (ABIH). CCHEST, administered by BCSP staff, began in 1985 with the Occupational Health and Safety Technologist (OHST) certification. CCHEST added the Construction Health and Safety Technician (CHST) and the Safety Trained Supervisor (STS) certifications in 1994 and 1995, respectively. In 2004, the STS certification expanded from the original construction examination to include examinations for general industry and the petrochemical industry. Also in 2004, the OHST certification was validated to include the practice of loss control specialists. CCHEST currently has over 3,600 certificate holders. Refer to [www.cchest.org](http://www.cchest.org) for details about CCHEST and its certification products and services.

The CCHEST Program Director will lead and promote CCHEST certificants and its products for certification of safety technicians/technologists and supervisors. CCHEST is looking for a candidate who can advance and administer CCHEST certifications, products, programs and affairs with integrity, professionalism, and vision.

Candidate must have a broad knowledge of the safety, health, and environmental field of practice, the certification and testing industry, and business and management practices of not-for-profit organizations. Must have experience with not-for-profit work as a volunteer or paid staff, with proven experience in planning, organizing, administering, and managing of operations and projects. Candidate must have strong interpersonal, relationship-building skills with excellent verbal and written communication for business development. Candidate should have experience with legal, financial, budgeting, policy and procedure adherence, and governance.

Candidate must also hold certification from CCHEST (i.e. OHST, CHST, STS) and/or at least one of the parent organizations (i.e. CSP, CIH). An advanced degree is strongly preferred. This position works closely with the CCHEST Board of Directors.

In accordance with the establishing charter, the BCSP Executive Director also serves as the CCHEST Executive Director. The CCHEST Program Director will report to the BCSP Executive Director.

This position offers a competitive salary and an excellent benefits package. Travel time is expected to be 30% of the time.

If you feel your qualifications accurately reflect the information above and are looking for an exciting challenge, please submit your confidential resume, including three professional references and salary requirements to: BCSP, Attn: Human Resources, 208 Burwash Avenue, Savoy, IL 61874, Fax: 217-359-0055, Email: dennis@bcsp.org.
Also at the September meeting, CCHEST elected two new directors: Jessica Bohan, OHST and Gustavo J. Garcia, CSP, OHST, CHST.

Jessica Bohan began her first term as an ABIH Elected Director on January 1st. Ms. Bohan has been a Safety and Health Compliance Assistance Specialist at the University of South Florida since 2002. She worked for the State of Florida in safety and health positions for eight years prior to USF. She holds a B.S. in Environmental Science from Florida State University. Ms. Bohan became an OHST in 2003. She resides in Ormond Beach, FL.

Gustavo Garcia started his first term as a CCHEST Elected Director on January 1st. Mr. Garcia works for Regional Reporting Inc. (RRI) on behalf of AIG Construction Risk Management as a Construction Loss Control Senior Consultant covering the state of Florida. He was a Safety Project Officer II in the Bronx at the New York City School Construction Authority for seven years prior. Mr. Garcia also served as the Risk Consultant Site Safety Manager at Total Safety Consulting (TSC) Midatlantic and worked on several New York City Department of Environmental Protection (NYCDEP) projects. He has 22 years experience in the construction and safety industry. Mr. Garcia earned his bachelor's degree in Civil Engineering from Universidad Nacional Pedro Henríquez Ureña (UNPHU) in the Dominican Republic. In 2004, he obtained the OHST, CHST, and CSP certifications. Mr. Garcia resides in Orlando, FL.

BCSP and ABIH appoint individuals from their Boards to serve on the CCHEST Board.

Linda M. Tapp, CSP, ALCM began her first term as a BCSP Representative on the CCHEST Board of Directors on January 1st. Ms. Tapp has served on the BCSP Board of Directors since 2004. Ms. Tapp's safety experience spans 20 years. She has been the Principal Consultant and Owner of Crown Safety LLC since 1999. She holds a B.S. in Biological Sciences from Drexel University and an M.S. in Environmental Health from Temple University. Ms. Tapp earned the CSP certification in 1994 and holds the Associate in Loss Control Management (ALCM). She resides in Cherry Hill, NJ.

A new director began service on March 6, 2006: Lisa Quiggle, CAIH. Ms. Quiggle takes over as the ABIH Representative on the CCHEST Board. She replaces Brenda Pittman, CSP, CIH.

Lisa Quiggle is serving her first term on the CCHEST Board. She is currently an Industrial Hygienist at Michigan State University. Prior to MSU, Ms. Quiggle was an Industrial Hygiene Chemist/ Toxicologist for Clayton Group Services based at Ford Motor Company. She is a graduate of the University of Michigan's On Job/On Campus Industrial Hygiene Program and received an MPH in July 2005. Ms. Quiggle has held the Certified Associate Industrial Hygienist (CAIH) certification since 2001. She has served on the ABIH Board of Directors since 2005 and was President of the Michigan Industrial Hygiene Society from 2004 to 2005. Ms. Quiggle resides in Pinckney, MI.

**CCHEST CERTIFICATIONS NOW HOLD NCCA ACCREDITATION**

CCHEST has achieved a new milestone in quality. Recently, the National Commission for Certifying Agencies (NCCA) accredited the Construction Health and Safety Technician (CHST) certification. In 2004, NCCA awarded accreditation for the Occupational Health and Safety Technologist (OHST) and Safety Trained Supervisor (STS) certifications. Holding NCCA accreditation for all of its certifications establishes a new measure of the quality represented by the CCHEST certifications.

The NCCA accreditation has very strict standards for examination matters. These examination standards cover job analysis studies that define practice and examination contents relevant to practice, setting passing scores, examination administration, and other examination matters. NCCA also has strong standards for governance, financial viability, recertification, fairness to candidates, and other factors. NCCA reviewers conduct detailed analysis of documentation about how each certification is operated. The application process requires the applying organization to submit publications, policies, procedures, study reports, biographical information about staff and contractor staff to support written descriptions which defend compliance with standards. NCCA requires the applying organization to resolve deficiencies before it awards accreditation.

With the achievement of NCCA accreditation, CCHEST has achieved the third, independent recognition for compliance with third-party standards for certifications. Since 1992, the OHST has held accreditation from the Council of Engineering and Scientific Specialty Boards (CESB). The CHST and STS certifications have held CESB accreditation since 1996. In 2003, CCHEST achieved recognition from the National Skill Standards Board (a federal agency that has been disbanded) for compliance with its standards for peer operated certifications. NCCA accreditation establishes compliance with even stronger standards.

**CCHEST BOARD’S DISCIPLINARY ROLE**

While the CCHEST Board takes pride in being able to award or renew certifications for individuals, it also has the responsibility to deny or revoke certification in certain cases. The former represents the legislative and administrative responsibility and the latter represents its judicial responsibility.

Most people are honest and trustworthy. However, there are a few who violate the standards of CCHEST for which the disciplinary procedures are in place.
When dealing with disciplinary matters, the CCHEST Board follows its General Operating Procedures (see “CCHEST Establishing Agreement & General Operating Procedures” in the About CCHEST section online at www.cchest.org) and other applicable policies. However a case is started, the CCHEST Board tries to make sure that any individual challenged by the process gets a fair opportunity to present their side of the case. The most difficult aspects are deciding whether someone has violated CCHEST policy, the Code of Ethics or other grounds for action and, if found guilty of charges, what the penalty should be. The CCHEST Board has a range of options to work with.

Recent cases that have come to the CCHEST Board for action involved disclosure of examination items, inappropriate behavior at a testing center, and violation of the CCHEST policy on criminal convictions.

Cheating to gain an advantage on examinations or assisting others by disclosing examination content are actions that CCHEST does not tolerate. CCHEST considers such activities as violations of the Code of Ethics. Penalties may range to revocation of or denial of the ability to pursue certification for up to five years.

Those applying for or holding the OHST or CHST certification are required to report criminal convictions to CCHEST. The CCHEST policy on criminal convictions prohibits anyone with a conviction for a violent crime from holding certification.

Another area related to discipline involves unauthorized use of CCHEST certifications by individuals who have not achieved them or met obligations to retain them. Again, CCHEST follows its policies when challenging individuals found using CCHEST certifications without authority. A conviction is likely to lead to denying the ability to pursue any CCHEST certification for a period of five years and will be listed at www.cchest.org during that period.

**UNAUTHORIZED USE OF CCHEST CERTIFICATIONS**

CCHEST penalizes individuals for unauthorized use of CCHEST certifications. Cases of individuals claiming to hold certification without permission come from a variety of sources, including other CCHEST certificate holders, employers, and membership organizations. CCHEST pursues those cases in which there is clear evidence of the unauthorized use and the individual has a clear responsibility, control, or knowledge of the use. Evidence may be a business card, resume, letter, web site, or other publication. If there is no clear evidence, CCHEST cannot act on the case. CCHEST challenges the individuals directly or through its attorney and requires a response.

There was one unauthorized use case in 2005 (no penalty to date).

**FEDERAL FUNDING FOR PROFESSIONAL CERTIFICATIONS**

CCHEST has learned of the federal government's allowance to pay for federal employees' professional credentials and the examinations to obtain these credentials. Section 1112 Paragraph 5757 (Payment of expenses to obtain professional credentials) of Public Law 107-107 includes:

(a) An agency may use appropriated funds or funds otherwise available to the agency to pay for—

1) expenses for employees to obtain professional credentials, including expenses for professional accreditation, State-imposed and professional licenses, and professional certification; and

2) examinations to obtain such credentials.

This law is located in the 107th Congress Catalog at www.gpoaccess.gov/plaws.

**ACHIEVEMENT OF ALL THREE CCHEST CERTIFICATIONS**

There are a select few who have earned all CCHEST certifications: the OHST, CHST, and STS. In fact, to date, only nine certificate holders hold all three:

- Gary Coleman
- Greg Daugherty
- Susan Gould
- Mitchell Jolin
- Arthur McCann
- Catherine McCurnin
- Thomas Ryan
- Kelly Seidel
- William Williams

Congratulations to all of these certificate holders on achieving the OHST, CHST, and STS!

Susan Gould (pictured below), an environmental safety and health supervisor in the Infrastructure Business Unit at Washington Group International, is the only employee there to have all three certifications. After putting in more than...
100 hours of study and training time, Ms. Gould achieved all three certifications in less than a year. She hopes to go on to achieve the ASP designation and then the CSP certification.

Thomas F. Ryan (pictured on page 5), a former CCHEST Board Director from 1999 to 2004 (serving also as Vice President and President), holds all three CCHEST certifications. Mr. Ryan is currently Chair of the Occupational Health & Safety Department at Central Maine Community College in Auburn, ME. He earned his OHST in 1994, the CHST in 1995, and the STS in 1997. In addition, Mr. Ryan earned his CSP certification in 1995.

2006 CCHEST DIRECTORY

This is a reminder that the 2006 CCHEST Directory of OHST, CHST, and STS certificate holders is available online at www.cchest.org/2006directory. CCHEST notified certificate holders by postcard in February.

The case-sensitive password to access the directory is:

DIR@CCH3$T

Please keep in mind that the directory includes those individuals meeting certification requirements as of January 6, 2006. Those who have achieved certification, and any status changes made, after January 6th are not included in this edition of the CCHEST Directory, but are included in the online directory at www.cchest.org/directory.

CCHEST MENTOR PROGRAM

With the success of the BCSP Professional Advancement Mentor Program, CCHEST has opted to start a similar program for OHST and CHST certificate holders. The CCHEST Mentor Program was put into place to recognize those OHSTs and CHSTs who assist the career development of other safety practitioners. OHSTs and CHSTs, who are interested in mentoring an OHST or CHST applicant, should refer to page 15 for the CCHEST Mentor Program form. All mentors will be recognized in the CCHEST Newsletter and in an online honor roll at www.cchest.org/mentor.

PROMOTING CCHEST CERTIFICATIONS

Table Top Displays

Table top displays are a great way to promote the OHST, CHST, or STS certifications. A display is available to any certificate holder for use at chapter meetings, regional or local conferences, career fairs, and other safety-related seminars, meetings, and presentations. CCHEST ships to and from the event and provides literature at no cost.

If you would like to request a display, contact Heather Murphy (heather@bcsp.org). It is best to contact Ms. Murphy 2-4 weeks prior to an event, as the schedule fills up quickly.

Conferences/Exhibits

CCHEST is exhibiting with BCSP at several national conferences.

Remaining in 2006:

• National Safety Council (NSC) Congress & Expo
  Booth 3722
  November 6-8, 2006
  San Diego, CA

Upcoming in 2007:

• American Industrial Hygiene Conference and Exposition (AIHce)
  June 4-6, 2007
  Philadelphia, PA

American Society of Safety Engineers (ASSE) Professional Development Conference & Exposition
  June 24-26, 2007
  Orlando, FL

Please stop by the BCSP booth to visit CCHEST if you get the opportunity. You can even pick up an OHST, CHST or STS sticker for your name badge!

FRAME YOUR CCHEST CERTIFICATE

Did you know you can purchase a frame specifically made for your CCHEST certificate? CCHEST has partnered with Framing Success to offer certificate holders an official frame (pictured below) for display of their certificate. The unique design allows for easy, do-it-yourself document insertion. The frames contain gold-leaf embossing of the CCHEST name and logo. Framing Success uses only true conservation archival-quality royal blue mat board and certificate holders can choose from seven frame mouldings. Frame prices range from $53 to $108. For more information, visit www.framingsuccess.com or call 800-677-3726.

Write Questions for CM Credit

OHSTs and CHSTs can earn CM points for writing questions or “items” for CCHEST. CCHEST certifications are
developed from the knowledge and experience of safety practitioners in practice. These practitioners are content experts for examinations.

CCHEST needs draft items in all subject and task areas and for all three examinations. OHSTs and CHSTs can earn 1 CM point for five acceptable stand-alone examination items. Examination item development is an efficient and inexpensive way to maintain certification. There is no limit to the number of points you can obtain through item development.

OHSTs and CHSTs can also earn 1 CM point for writing five items for other nationally accredited certifications.

CCHEST’s Manual for Writing Examination Items is designed to assist OHSTs and CHSTs in developing items. It is available on the Downloads page at www.cchest.org in PDF or obtainable by contacting the CCHEST Examination Department. It contains complete instructions and the necessary forms for preparing draft examination items.

At present, the CCHEST staff is preparing implementation rules and procedures and will announce the actual implementation date soon.

Previously, CCHEST required individuals who pursue the OHST certification to meet two of the five years of experience required for the certification before they could sit for the OHST examination. With the change, anyone applying for the OHST certification whose application is accepted can choose to sit for the OHST examination at any time. Most candidates for the OHST certification meet the total experience requirement at the time of application.

Previously, anyone who sat for and passed the OHST examination while waiting for sufficient experience had no way to demonstrate to a potential employer that they had completed the examination requirement. As soon as the change is implemented, those passing the OHST examination but awaiting sufficient experience, will receive the Associate OHST designation to denote having passed the examination.

The OHST certification is particularly appropriate for individuals who do not qualify for the CSP certification because they do not meet the educational requirements or do not have safety and health experience that meets the required professional level standards. Overall, at least half of all who achieve the OHST certification eventually advance in their safety and health practice, qualify for, and achieve the CSP certification. Some also achieve the Certified Industrial Hygienist (CIH) certification.

Please watch the CCHEST web site. Any OHST certification changes will be posted at www.cchest.org.

Certificate Programs Earning OHST Credit Continue to Expand

A number of academic and private certificate training programs have applied to CCHEST for recognition for OHST waiver of experience credit. The list of programs currently includes:

Central Maine Community College—Occupational Health and Safety Technologist Certificate (1 1/4 yr), Construction Safety and Health (1 1/4 yr)

Eastern Iowa Community College District—Environmental Compliance and Technology Certificate (3/4 yr)

Lakeshore Technical College—Industrial Health and Safety, Advanced Technical Certificate (1/2 yr)

Las Positas College—Certificate of Completion Occupational Safety and Health (1/2 yr)

Northern Illinois University—Construction Safety Manager Certificate (1/2 yr)

Texas Engineering Extension Service (TEEX)—Certified Safety and Health Official, General Industry (1/2 yr), Certified Safety and Health Official, Construction (1/2 yr)

IMPORTANT: OHSTs, CHSTs, and STSs

Failure to Pay Annual Renewal Fee

Failure to pay your annual renewal fee makes your certification status invalid. CCHEST staff will be processing certification drops after June 30th for all OHST, CHST, and STS certificants who have not paid their 2006 annual renewal fee.
CHST NEWS

CHST Now NCCA Accredited

CCHEST has received notice that the Construction Health and Safety Technician (CHST) certification is now accredited by the National Commission for Certifying Agencies (NCCA). See page 4 for additional details.

STS NEWS

STS Logo Apparel

T-shirts and polos (pictured below) are now available with the STS logo through RLK & Associates. 100% preshrunk cotton tees are available in orange and grey and sell for $15 each. The 100% cotton black polo is priced at $28.50. All shirts come in sizes ranging from S to 2XL.

The order form is located at www.cchest.org/media/STS_order_form.pdf. Logo apparel may be ordered by going directly to www.rlk-inc.com/stores (click on the STS logo) or by calling 636-939-6060 (ask for Program Ordering).

WGI APPRECIATION LUNCHEON

Left to right: Brad Giles (Vice President, Corporate Environmental Safety and Health at WGI), Greg Therrien (President, Southwest Operations, Infrastructure at WGI), Win Apel (Vice President, Risk Management and Litigation at WGI), Adrian Hertog (CCHEST President), Lawrence E. Shaw (President, Infrastructure at WGI), John Isham (Director, Environmental Safety and Health, Infrastructure at WGI), Rick Callor (Director, Corporate Safety Training at WGI)

Photo taken at a luncheon recognizing Washington Group International’s support of the STS program. WGI headquarters is located in Boise, ID.

CCHEST Recognizes STS Sponsoring Organizations

CCHEST awarded participation plaques and certificates to employers using the STS certification during 2005. These plaques and certificates recognize the number of people achieving the certification during the year.

There were 6 new STS sponsors in 2005:

- Batelle Energy Alliance
- BP Exploration Alaska
- Hawaiian Dredging Construction
- M. Shiroma Construction
- Performance Safety
- Reynolds

The following companies continue to participate in the STS sponsorship program:

- Alan Shintani, Inc.
- American Piping and Boiler
- Atlantic Plant Maintenance
- Bechtel Group
- Bell Helicopter
- CH2M Hill
- Commercial Roofing and Water
- Dick Pacific
- D2S/Baker
- Environmental Chemical Corp.
- Healy Tibbitts
- Klondyke
- Kværner Songer
- Lyz Inc.
- Miller/Watts
- Nan Inc.
- Nova Group
- RCI Construction
- Rust
- Swinteron Builders
- Veco
- Washington Group
- West Coast Construction
- Willsbros Mt. West
CCHEST HISTORY

It is difficult to pinpoint the exact date when the Council on Certification of Health, Environmental and Safety Technologists (CCHEST) was formed. CCHEST had its beginnings in 1974 as the ABIH/BCSP Joint Committee when representatives of the American Board of Industrial Hygiene and the Board of Certified Safety Professionals met to discuss the idea of a certification for technicians involved in safety and health.

Later, in 1979, another meeting occurred to address the same issue. At this point, it gained momentum from the NIOSH study regarding the national safety and health workforce. The report identified a significant number of individuals who worked in technician or technologist roles.

Representatives of ABIH and BCSP began meeting annually in 1982 to advance efforts to establish a certification program. Meetings in 1982 and 1983 created the basic parameters for defining safety and health technician/technologist certification. The representatives created a subject outline based on the NIOSH study and initiated development of questions for a certification examination.

By 1984, the group had selected Occupational Health and Safety Technologist as a title and defined qualifications for candidates. By this time, the group realized that it needed to establish formal authority for its existence. The group sought initial operating funds from the ABIH and BCSP Boards. Work began to establish a legal charter as a joint venture between the two Boards.

The origin date for the ABIH/BCSP Joint Committee is taken as 1985, because it was the first year that it had formal approval as an entity from the founding Boards. It was also the first year that it had funds to work with and established its own financial records. It also had approval to engage services from Professional Examination Services, a test and measurement firm in New York, to assist with examination development and administration. It was not until 1987 that ABIH and BCSP approved a formal agreement creating the ABIH/BCSP Joint Committee for the Certification of Occupational Health and Safety Technologists.

Through many hours of volunteer work, Joint Committee participants had developed administrative procedures, published application materials, and completed formulation of a 200-question examination appropriate for OHSTs. In October 1986, the first OHST examinations were held. From the beginning, the BCSP staff handled administration of the Joint Committee operations. In 1987, about 200 individuals who had achieved the Certified Industrial Hygienist Technologist (CIHT), which ABIH started around 1976, were converted to the OHST certification.

During the next few years, much of the Joint Committee's attention focused on improving the OHST program and operations. These efforts resulted in the creation of standing committees within the Joint Committee, formulation of operating procedures, making improvements to the initial examination, and creation of a recertification program.

Until 1990, the participants in the ABIH/BCSP Joint Committee affairs were all members of the Boards of Directors of either ABIH or BCSP. In 1990, after seeking volunteers from among those holding the OHST, the Joint Committee added individuals holding the Joint Committee certification to the governing body.
During 1993 and 1994, the Joint Committee became involved in developing certifications for those engaged in construction safety and health. Representatives of the Construction Division of the American Society of Safety Engineers and the Construction Division of the National Safety Council had approached BCSP seeking certification at three levels. At the upper level, the groups sought a CSP Construction Safety specialty. The groups also sought construction safety and health certifications for first-line supervisors in construction and for those performing technician and technologist work in safety and health.

As these concepts moved forward to establish the Construction Health and Safety Technician and the Safety Trained Supervisor in Construction programs, the Joint Committee accepted responsibility for these two programs. The first CHST examination was offered in October 1994 and the STS-Construction examination became available in March of 1995.

After making adjustments in its policies, adding a Certification Maintenance requirement, and electing a Public Member, the Joint Committee achieved national accreditation for all of its certifications from the Council of Engineering and Scientific Specialty Boards (CESB) in 1996.

From the beginning, the STS-Construction examination used computer-based testing. In 1997, the OHST and CHST examinations changed to computer-based testing. The Joint Committee participated with BCSP in the change. Also, BCSP changed companies providing test and measurement expertise and examination development services. Since 1997, Columbia Assessment Services, Inc. (now CASTLE Worldwide, Inc.) has provided these services.

In 2001, the ABIH/BCSP Joint Committee changed its name to better reflect the organization's business and mission to the Council on Certification of Health, Environmental and Safety Technologists. This resulted from a new agreement between its parent boards. This same year, the Department of Veterans' Affairs (VA) approved reimbursement of CCHEST examination fees for active duty, Reserve Component personnel, and military retirees who are eligible under various entitlement programs.

An OSHA Voluntary Agreement recognized the STS-Construction certification in 2002.

In 2004, the STS program expanded to include general industry and petrochemical examinations. This same year, CCHEST joined the BCSP-OSHA Alliance Agreement and the OHST and STS certifications were accredited by the National Commission for Certifying Agencies (NCCA). Also, a new OHST examination was established that included validation for entry-level loss control specialists in insurance through participation by the Alliance of American Insurers’ (AAI) and the American Insurance Association (AIA).

In 2005, CCHEST celebrated its 20th anniversary.

CCHEST has focused on positioning itself for the future. CCHEST has identified its mission through several long-range planning activities. To provide, maintain and promote quality certification programs for safety, health, and environmental related practitioners and supervisors.

Currently, CCHEST is pursuing opportunities to expand use of the current certifications, to be responsive to other needs in technician/technologist and supervisor certifications for safety, health, and the environment, and to be financially sound.
CCHEST VOLUNTEERS

CCHEST would like to acknowledge the many individuals who have helped advance CCHEST and its programs through service in a wide variety of ways. Thank you for helping develop examination questions, for proctoring examinations, for promoting and using CCHEST certifications or giving time and talents in other ways.

In particular, CCHEST would like to recognize those individuals who served to get CCHEST established or volunteered time in leading CCHEST. Hopefully, the list below, derived from CCHEST records, does not omit anyone.

CCHEST thanks:

Charles Adkins
William Atkinson
Edward Bartosh
Michael F. Biancardi
John M. Blankenhorn
Jessica Bohan
Carl Bohl
Newell E. Bolton
G. Gawain Bonner
David Breen
Stew Burkhammer
Rick P. Callor
Charles L. Cheever
Patrick Conroy
Allen Cudworth
Monty L. Herr
Adrian Hertog
John Janous
Branden Jones
Richard Konzen
Thomas W. Lawrence
Terrell Leaphart
Guy M. LeBlanc
S. Z. Mansdorf
Robert F. Milligan
Kevin Moorhead
Henry J. Muranko
John A. Pendergrass
William H. Persky
Brenda Pittman
Lisa Quiggle
James T. Reed
Frank M. Renshaw
Mary J. Roberts
Jack C. Rodgers
Vernon Rose
Robert Ross
Thomas Ryan
Linda Sennett
Kenneth D. Sheffield
Jerome T. Siedlecki
Henry Smahlik
Kim M. Smith
Joseph M. Snow
Terrance J. Stobbe
Linda M. Tapp
Anthony J. Towey
David Trayer
Ralph Vernon
Kenneth Wallingford
Herbert T. Walworth
Christopher Wiernicki
Usha Wright

ACCREDITATION HISTORY

Council of Engineering and Scientific Specialty Boards (CESB)
• OHST: since 1992
• CHST and STS: since 1996
National Skill Standards Board (NSSB)
• OHST, CHST, and STS: 2002-2005
National Commission for Certifying Agencies (NCCA)
• OHST and STS: since 2004
• CHST: since 2006

VISION

CCHEST is recognized as the leader in high-quality, third-party accredited health, safety, and environmental credentialing for technologists, technicians, supervisors, and workers.

MISSION

CCHEST establishes, maintains, and promotes the highest quality certification programs for health, safety, and environment related to technologists, technicians, supervisors, and workers.

CORE VALUES

• Ethics
• Excellence
• Organizational well-being
• Respect for people
• Relationship with parent organizations

STRATEGIC GOALS

• Growth
• Communication
• Quality
• Continuous improvement
• Financial stability
Examinations

All CCHEST annual examination performance statistics are reported in the aggregate (in lieu of “by form”). Examination results and statistics for the OHST, CHST, and STS examinations during 2005 are summarized as follows:

**OHST Examination**
- Number of Candidates: 132
- Mean Score: 66.3%
- Candidate Passing Rate: 80.3%
- Standard Deviation: 19.3
- Standard Error of Measurement: 6.0
- Internal Reliability [KR(20)]: 0.90
- Decision Consistency [(K2(x,t)]: 0.94

**CHST Examination**
- Number of Candidates: 226
- Mean Score: 72.9%
- Candidate Passing Rate: 82.7%
- Standard Deviation: 14.7
- Standard Error of Measurement: 5.6
- Internal Reliability [KR(20)]: 0.86
- Decision Consistency [(K2(x,t)]: 0.91

**STS-Construction Examination**
- Number of Candidates: 572
- Mean Score: 86.9%
- Candidate Passing Rate: 85.0%
- Standard Deviation: 8.5
- Standard Error of Measurement: 3.6
- Internal Reliability [KR(20)]: 0.82
- Decision Consistency [(K2(x,t)]: 0.96

Certification Maintenance

157 OHSTs and 41 CHSTs completed their five-year Certification Maintenance cycle in 2005 and were required to complete a report of recertification activities in order to retain their certification. A portion of the 170 reports submitted were selected for an audit to demonstrate proof that the points claimed were actually earned. All certificants selected for audit were able to document their activities.

Based on a sample of submitted reports, the average person earned 29.5 points compared to the 20 required for a five-year cycle.

Most points came from Category 1 (Safety and Health Practice) and Category 7 (Continuing Education Courses).

The average number of points earned from each category of activity and the percent of those participating are listed in the following table.

<table>
<thead>
<tr>
<th>Category</th>
<th>Points</th>
<th>Participation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. S&amp;H Practice</td>
<td>9.5</td>
<td>98%</td>
</tr>
<tr>
<td>2. Memberships</td>
<td>3.4</td>
<td>79%</td>
</tr>
<tr>
<td>3. Committees &amp; Offices</td>
<td>1.0</td>
<td>29%</td>
</tr>
<tr>
<td>4. Publications &amp; Papers</td>
<td>0.2</td>
<td>9%</td>
</tr>
<tr>
<td>5. Exam Questions</td>
<td>0.0</td>
<td>0%</td>
</tr>
<tr>
<td>6. Conferences</td>
<td>2.3</td>
<td>77%</td>
</tr>
<tr>
<td>7. Continuing Education</td>
<td>7.8</td>
<td>83%</td>
</tr>
<tr>
<td>8. College &amp; University Courses</td>
<td>2.2</td>
<td>13%</td>
</tr>
<tr>
<td>9. Advanced Degree</td>
<td>1.2</td>
<td>6%</td>
</tr>
<tr>
<td>10. Certifications &amp; Re-examination</td>
<td>1.6</td>
<td>10%</td>
</tr>
</tbody>
</table>
For the ninth consecutive year, CCHEST completed the year with a net revenue. The net revenue goes toward a reserve fund. The CCHEST goal is to have a reserve fund equal to at least one year’s operating budget. The reserve fund is also needed to pay for special projects, such as periodic validation studies.

While all three CCHEST programs exceeded the budgeted revenue, the STS program once again did exceptionally well in 2005. The STS continues to grow and is demanded by more and more employers.

The accounting firm of McGladrey & Pullen, LLP, issued an unqualified opinion on the financial statements of CCHEST. Condensed financial statements appear on pages 13-14.

| Council on Certification of Health, Environmental and Safety Technologists (A Joint Venture) |
| Statements of Financial Position |
| December 31, 2005 and 2004 |
| | 2005 | 2004 |
| **Assets** | | |
| Current Assets | | |
| Cash and cash equivalents | $404,420 | $439,033 |
| Certificates of deposit | 200,000 | - |
| Prepaid expense | 8,003 | 8,650 |
| Other receivables | 5,889 | 1,838 |
| **Total current assets** | $618,112 | 448,757 |
| Property and Equipment | | |
| Computer hardware and software | 21,812 | 53,402 |
| **Less accumulated depreciation** | | |
| 21,812 | 53,402 |
| **Other Assets** | | |
| Exam development costs, less accumulated amortization | 46,093 | 58,385 |
| **Total assets** | $664,205 | $507,760 |
| **Liabilities and Net Assets** | | |
| Current Liabilities | | |
| Accounts payable and accrued expenses | $29,894 | $26,904 |
| Management fee payable - BCSF | 195,852 | 167,046 |
| Unearned renewal and exam fees | 152,241 | 141,876 |
| **Total current liabilities** | 387,987 | 335,826 |
| Net Assets-Unrestricted | 276,218 | 171,932 |
| **Total liabilities and net assets** | $664,205 | $507,760 |

See notes to Financial Statements.
### Council on Certification of Health, Environmental and Safety Technologists (A Joint Venture)

#### Statements of Revenue and Expenses and Changes in Net Assets

**Years Ended December 31, 2005 and 2004**

<table>
<thead>
<tr>
<th>2005</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue:</td>
<td></td>
</tr>
<tr>
<td>Renewal fees</td>
<td>$203,697</td>
</tr>
<tr>
<td>Examination fees</td>
<td>248,465</td>
</tr>
<tr>
<td>Application fees</td>
<td>122,496</td>
</tr>
<tr>
<td>Interest and other</td>
<td>11,848</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>566,466</strong></td>
</tr>
</tbody>
</table>

Expenditures:
- Management fee: BCSIP: 196,853, AISH: 167,484
- Examination reimburse 107,089, BCSIP: 73,979
- Travel 38,461, BCSIP: 36,389
- Printing supplies 24,730, BCSIP: 23,954
- Revalidation expense 21,534, BCSIP: 36,059
- Bank charges and credit card service fees 14,193, BCSIP: 9,830
- Data processing 13,998, BCSIP: 28,303
- Postage 13,610, BCSIP: 13,543
- Amortization 12,292, BCSIP: 3,073
- Accounting 8,298, BCSIP: 7,500
- Marketing 7,037, BCSIP: 3,210
- Legal 6,259, BCSIP: 2,327
- Exam maintenance 4,800, BCSIP: 1,36
- Insurance 4,092, BCSIP: 4,254
- Consultant fee 3,000, BCSIP: 190
- Office supplies 486, BCSIP: 202
- Miscellaneous 6,435, BCSIP: 3,580
| **Total** | **462,176** | **412,257** |

Increase in unrestricted net assets 104,286, BCSIP: 10,006

Net unrestricted assets at beginning of year 171,932, BCSIP: 161,926

Net unrestricted assets at end of year $276,218 | $171,932

See Notes to Financial Statements.

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### Council on Certification of Health, Environmental and Safety Technologists (A Joint Venture)

#### Statements of Ventures’ Net Assets

**Years Ended December 31, 2005 and 2004**

<table>
<thead>
<tr>
<th>BCSIP</th>
<th>AISH</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Balance, December 31, 2003</strong></td>
<td>$80,963</td>
<td>$80,963</td>
</tr>
<tr>
<td>Increase in unrestricted net assets</td>
<td>5,023</td>
<td>5,023</td>
</tr>
<tr>
<td><strong>Balance, December 31, 2004</strong></td>
<td>85,986</td>
<td>85,966</td>
</tr>
<tr>
<td>Increase in unrestricted net assets</td>
<td>52,143</td>
<td>52,143</td>
</tr>
<tr>
<td><strong>Balance, December 31, 2005</strong></td>
<td><strong>138,109</strong></td>
<td><strong>138,109</strong></td>
</tr>
</tbody>
</table>

See Notes to Financial Statements.

---

### Council on Certification of Health, Environmental and Safety Technologists (A Joint Venture)

#### Statements of Cash Flows

**Years Ended December 31, 2005 and 2004**

<table>
<thead>
<tr>
<th>2005</th>
<th>2004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Flows from Operating Activities</td>
<td></td>
</tr>
<tr>
<td>Increase in unrestricted net assets</td>
<td>$104,286</td>
</tr>
<tr>
<td>Adjustments to reconcile increase in unrestricted net assets to net cash provided by operating activities:</td>
<td></td>
</tr>
<tr>
<td>Amortization</td>
<td>7,037</td>
</tr>
<tr>
<td>Change in assets and liabilities:</td>
<td></td>
</tr>
<tr>
<td>(Increase) decrease in:</td>
<td></td>
</tr>
<tr>
<td>Prepaid expenses</td>
<td>500</td>
</tr>
<tr>
<td>Other receivables</td>
<td>(3,695)</td>
</tr>
<tr>
<td>Increase (decrease) in:</td>
<td></td>
</tr>
<tr>
<td>Accounts payable and management fee payable</td>
<td>31,794</td>
</tr>
<tr>
<td>Unearned renewal and exam fees</td>
<td>20,365</td>
</tr>
<tr>
<td>Net cash provided by operating activities</td>
<td>166,132</td>
</tr>
</tbody>
</table>

- Cash Flows from Investing Activities: | | |
- Capitalization of exam development costs | (200,000) | (27,378) |
- Net cash (used in) investment activities | (200,000) | (27,378) |
| Increase (Decrease) in cash and cash equivalents | | |
| Beginning | 436,033 | 379,104 |
| Ending | **$396,165** | **$439,033** |

See Notes to Financial Statements.
The Council on Certification of Health, Environmental and Safety Technologists (CCHEST) would like to trace the role mentors play in assisting the career development of others and recognize their contributions. The CCHEST Mentor Program acknowledges Occupational Health and Safety Technologists® and Construction Health and Safety Technicians® (in good standing) who encourage, assist, or require other safety practitioners to pursue the OHST or CHST certification as a means to advance their career.

**Rules:**
1. Complete the MENTOR section of the form below and give it to an employee, colleague, or other safety practitioner who may benefit from pursuing the OHST or CHST designation.
2. Have your applicant complete the APPLICANT section and submit the form with their application materials when they apply for the OHST or CHST certification.

Photocopies of this form are acceptable. Additional copies are on the Downloads page at www.cchest.org.

When your applicant’s OHST or CHST application form is accepted, CCHEST will recognize you as a mentor in the CCHEST Newsletter and online.

CCHEST looks forward to recognizing your contribution to the advancement of the safety profession through the achievement of certification!

---

**MENTOR**

OHST/CHST Number: ____________________________

Name: ______________________________________

Address: ____________________________________

City: _________________________________________

State: _______________________________________

Zip Code: ___________________________________

Country: (if applicable)

Province: (if applicable)

Postal Code: (if applicable)

Email Address: ________________________________

Relationship to Applicant:
- ☐ Supervisor
- ☐ Co-worker/Colleague
- ☐ Other (please specify)

---

**APPLICANT**

Date: __________ Application Submitted: __________

Applying for: __________

Name: ____________________________

Address: ______________________________________

City: _______________________________________

State: _______________________________________

Zip Code: ___________________________________

Country: (if applicable)

Province: (if applicable)

Postal Code: (if applicable)

Email Address: ________________________________

☐ OHST  ☐ CHST

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FOR OFFICE USE ONLY

Application Accepted: ☐ Yes ☐ No

Recognition Date: ____________________________