



THE PROFESSIONAL ERGONOMIST

The Newsletter of the BCPE

Board of Certification in Professional Ergonomics · P.O. Box 2811 · Bellingham · Washington · USA · 98227-2811

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BCPE - Facing the Future

Lynda Enos, MS, CPE
President, BCPE

As I am writing this, the stock market is reporting some of the biggest gains and losses in recent history, there are riots in cities in the UK, increasing violence in the Middle East, a devastating famine in Somalia and the US economy is barely spluttering along. I think it's safe to say that we are living in unpredictable and demanding times.

So what you may ask has this got to do with BCPE? Last year BCPE celebrated our 20 year milestone. We celebrated our accomplishments with directors and volunteers past and present, colleagues and friends at a memorable BCPE reception at the annual HFES meeting in San Francisco.

Looking forward to the next 20 years it is more important than ever that BCPE continue to strengthen its business foundation, streamline operations and the process of certification so we can maintain financial stability and continue to offer the premier certification in ergonomics, human factors and user experience through whatever economic challenges lay ahead.

With these goals in mind, the BCPE board of directors and staff has focused their efforts during the last year to analyze current policies and processes and identify areas for enhancement. The following are just some of the major projects we have been working on.

Having processed over 600 Continuance of Certification (CoC) worksheets

during the last year, we have identified how to improve the 'user experience' of the certificate holders who submit for CoC and for the BCPE volunteers who dedicate many hours to review these submissions. We will be implementing these changes in the coming months. BCPE initiated the CoC requirement in 2005 and CoC is a process required for accreditation by the National Commission for Certifying Agencies (NCCA) and the International Ergonomics Association (IEA).

During the first CoC submission process 86% of Certificate Holders (CHs) met CoC requirements. Unfortunately, overall this past year there has been a 6% loss of CHs dropped from certification plus another 2% opting for the retired status

To offset this trend and to increase the number of BCPE certificate holders, we are focusing our marketing efforts to educate students about the value of certification and encourage new graduates who represent the future of BCPE to begin their journey toward certification in ergonomics, human factors or user experience. As part of this outreach initiative we will soon be announcing exciting changes to the process for attaining AEP/AHFP/AUXP certification.

The BCPE website and logo received a 'fresh' look and includes a slideshow to illustrate the diverse work environments in which certificate holders practice. If you

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BCPE - Facing the Future

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would like to showcase the work you do as a CPE, CHFP or CUXP, contact the BCPE office (bcpehq@bcpe.org) to have your photo and work description added to the website.

Work continues on the development of a new certification exam that reflects the revised Ergonomist Formation Model which was developed as result of a job analysis of current practice of professionals employed in ergonomics, human factors and user experience. The process of developing the exam is rigorous and requires many hours of item writing and reference checking by the BCPE Examination Committee. This phase is nearly complete and the next step of editing and formatting the exam will be conducted by an editing group who are expert in professional exam development and meet NCCA credentialing requirements. Director, Marvin J. Dainoff, PhD, CPE has led this extensive effort as Chair of the Examination Committee, together with a large group of certificate volunteers who have developed exam items and much more.

As this process is completed in the coming year, we are planning to deliver the exam electronically at secure test sites through the US and eventually on an international basis, thus increasing access and flexibility for those who are approved to take the exam. Lastly, we will be announcing some changes in staffing at the BCPE office in 2012 that will facilitate the ability of the organization to grow and enhance services provided to potential and existing certificate holders.

As we plan for the next 20 years at BCPE, I believe that achieving certification from an accredited professional organization is more important than ever to compete in a competitive job market. Certification is a mark of excellence in our chosen profession and is a distinguishing accomplishment that validates professional knowledge and expertise in ergonomics, human factors and user experience.

During the past 5 years I have had the pleasure to work with a group of dedicated professionals, that is the BCPE staff and certified volunteers who lead the organization and who are committed to ensuring that BCPE will be able to continue to mature, adapt, and thrive in these unpredictable times. Thank you to all those who have and will continue to serve the profession. I invite you to get involved and assist us to advance certification during the next 20 years.

Meet Our New Directors

Joseph Cohen, PhD, CPE

Joseph Cohen provides technical and managerial consulting services in his employment with Error Analysis, Inc. in San Diego, CA. During his career, Joseph has managed safety-related projects across a variety of industries and settings, including construction, energy generation, food service, consumer products, warehousing, lodging, and hospitality. He has consulted to more than a dozen Fortune 500 companies.



*New Director
Joseph Cohen,
PhD, CPE*

Dr. Cohen is board-certified in both ergonomics and hazard control management, holding PhD and MS degrees in Industrial/Organizational Psychology from Alliant International University, San Diego. He also holds a MA degree in Applied-Experimental Psychology from California State University, Northridge and a BA in General Psychology from the University of California, Riverside. Dr. Cohen is a member of both the national and San Diego chapters of the Human Factors and Ergonomics Society. His research and writings have been published in books, professional journals, and trade magazines. Dr. Cohen is often asked to present to professional audiences, lecture at universities in southern California, and serve as an expert witness in legal cases involving matters of human performance and allegations of human error.

A husband and father of two young children, he also enjoys outdoor sports, music, and martial arts.

Jeffrey Fernandez, PhD, CPE

Dr. Jeffrey Fernandez is the Managing Principal at JFAssociates, Inc. based in the Washington, DC area. He has a MS and PhD in industrial engineering from Texas Tech University. He is a registered professional engineer (PE) and a certified professional ergonomist (CPE) and is known for his expertise in occupational ergonomics and classical industrial engineering.



*New Director
Jeffrey Fernandez,
PhD, CPE*

Dr. Fernandez has been a professor in the Department of Industrial and Manufacturing Engineering, and co-director of the Manufacturing Innovation and Design (MIND) Center, at Wichita State University in Wichita, Kansas; and a Senior Research Associate for the National Research Council (NRC) at the National Institute for Occupational Safety and Health (NIOSH).

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Meet Our New Directors

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He is a member of the Human Factors and Ergonomics Society, the Institute of Ergonomics & Human Factors, the International Society of Occupational Ergonomics and Safety, and the Institute of Industrial Engineers. He is a past president of the International Society of Occupational Ergonomics and Safety. He is also a co-author of *Applied Occupational Ergonomics: A Textbook – Third Edition* and co-author of *Ergonomía Ocupacional: Diseño y Administración del Trabajo*, published by the International Journal of Industrial Engineering Press.

Jeffrey is part of the examination development committee where he is involved in the process of streamlining the examination process and making it available electronically.

Paul Green, PhD, CHFP

Paul Green is a research professor in the Driver Interface Group at the University of Michigan Transportation Research Institute and an adjunct associate professor of Industrial and Operations Engineering (IOE), having been there for over 30 years. He teaches the IOE department's human-computer interaction and automotive human factors classes, and is the leader of the Human Factors Engineering Short Course, now in its 52nd year.



*New Director
Paul Green,
PhD, CHFP*

Paul has a joint PhD in Industrial & Operations Engineering and Psychology from the University of Michigan. While in college, he worked as an intern at the Philadelphia Naval Shipyard, and as a safety and health engineer in a factory manufacturing lighting. Paul is a BCPE-certified human factors professional, and a past-president of the Human Factors and Ergonomics Society. Paul's research concerns driver workload, distraction, and the interfaces drivers use, studies collected using the UMTRI Driving Simulator and instrumented vehicles. He has been very involved in developing safety and human factors standards based on that research.

As a BCPE Director (and current member of the HFES Executive Council), he hopes to serve as a bridge between BCPE and HFES, and to provide guidance in recruiting new applicants.

Rachel Michael, MSc, CPE

Rachel is an ergonomics project manager with Marsh Risk Consulting and a leading industry expert.

Rachel has a Masters of Science degree in Industrial Ergonomics from Luleå University in Sweden. Currently she provides global pre-loss project management to clients at Marsh Risk Consulting in diverse industries including pharmaceutical manufacturing, retail and hospital pharmacy, healthcare, dairy, steel, lumber, sewing and textile, parks and recreation, military, electronics, food production, energy, transportation, government and office industries.



*New Director
Rachel Michael,
MSc, CPE*

Rachel provided technical writing and expert assistance to the Occupational Safety and Health Administration (OSHA) during creation of outreach materials related to ergonomics. She worked for several years as editor and contributing author to internationally recognized industry print and web based publications and resources. She is a Certified Healthcare Safety Professional and uses ergonomics to improve hospital and pharmacy systems. As a director with BCPE, she looks forward to increasing the number of certificate holders.

Foundation for Professional Ergonomics Update

*Valerie Rice, PhD, CPE
President FPE*

The event with the single greatest impact on the Foundation for Professional Ergonomics (FPE) is the illness and death of Dr. Hal Hendrick, CPE ret. As one of the founders of both BCPE and FPE, a current member of the Board of Directors for FPE, and one of the truly great professionals in Human Factors, he is already sorely missed. Hal was extremely active internationally, often assisting other countries in developing their own Human

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www.glasbergen.com



**"To meet our goal, we'll have to work our butts off.
Make sure everyone gets a pair of ergonomic underwear."**

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Foundation for Professional Ergonomics Update

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Factors professional organizations, as well as speaking at conferences, institutes of higher education, and consulting. Ergonomists Without Borders was his idea, which he brought to fruition within the FPE.

Hal embodied what it means to be a professional. Interestingly, when one thinks of Hal, his professional persona and his personal qualities were so intertwined the two mingled in a way that defies separation. His genuine, kind, respectful approach was always present, even if he seriously disagreed with you. His knowledge and expertise were evident. His memory for details of his own research and happenings with HFES, BCPE, and FPE offered a corporate knowledge greater than the mere words contained in minutes, as he recalled the history of the development, the involved professionals, and the rationale for decisions. One of the most memorable things about Hal was how he made you feel about yourself. He had a way of making you feel good about yourself as well as instilling a sense of pride in your own choices of work, ethics, and responsibility...and you found yourself believing in yourself a little more, quietly aligning your convictions with your work, and making sure you met your work and family obligations dependably. It happened quietly, almost without your knowing. Hal was a gentleman...and a gentle man. We are lucky if we meet a handful of such professionals in our lifetime. Those of us working with the FPE will miss Hal, as we do already. We are grateful to him for his leadership, his professional efforts, and his unambiguous friendship.

Other news within the FPE includes our being in the second year of offering the Dieter W. Jahns Student Practitioner Award. The award, named in memory of Dieter W. Jahns, a life-long advocate of the practice of Ergonomics and a leader in Ergonomics Certification, is an annual award and is given to the student (or group of students) for an Ergonomics project that demonstrates the major practice areas of Ergonomics: Analysis, Design, and Evaluation. The purpose of the award is to advance professionalism in Ergonomics by recognizing educational activities that demonstrate how professional ergonomists serve to make our lives at work and at home healthier, safer, more productive, and more satisfying. This award is open, world-wide, to students (MS or PhD) in Ergonomics and Ergonomics-related programs. The Award and cash prize of \$500 (US) will be presented during the Student Reception at the HFES Annual Meeting, September 20, 2011, in Las Vegas, Nevada.

Our Ergonomists Without Borders (ErgonomistsWB) initiative had a productive 2010, including the launch of a web site (<http://ergonomistswithoutborders.org>); establishing social media pages in LinkedIn, Twitter and Facebook; an inaugural workshop, symposium and keynote address at the ErgoFuture2010 conference in Bali, Indonesia; and a presentation to the Association of Canadian Ergonomists. Another project scheduled to take place in Thailand was cancelled due to political unrest. Plans for 2011 include a focus on fundraising, business planning, project planning and recruitment of additional regional directors (Dr. Patricia Scott has already joined us as Regional Director for Africa). Roughly 150 people representing about 20 countries have already expressed their interest in participating and supporting ErgonomistsWB, and interest continues to grow.

The FPE welcomes any and all participation, assistance or support -- please visit our web site at <http://www.ergofoundation.org/support.html> to register your interest and learn more.

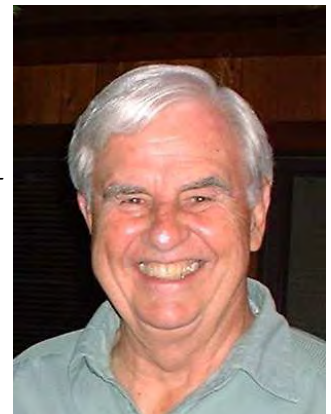
Remembering Hal Hendrick, CPE ret.

Andrew S. Imada, PhD, CPE

On May 13, 2011 the Human Factors and Ergonomics profession lost a legendary figure when Hal W. Hendrick passed away at the age of 78. With his passing, many of us lost a great leader and dear friend.

The marks of his leadership are clear in the organizations that he chose to support. He supported them with a vigor and vision second to none. He was a founding member of the BCPE. He encouraged many of us to get involved with the BCPE during the formative years and played a major part in shaping the form and function of how BCPE operates. He was also past President of the Foundation for Professional Ergonomics (FPE) and was working to promote Ergonomists Without Borders (ErgonomistsWB) to reach those who can benefit most from our profession. His other leadership experiences included HFES president, many years on Council, and active involvement in Technical Groups and special projects.

He served as the International Ergonomics Association (IEA) President, Secretary General, and HFES



*Dr. Hal Hendrick, CPE ret.
Past President and Director,
BCPE*

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Remembering Hal Hendrick, CPE ret.

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Representative to Council. Hal received the HFES's most coveted awards and last year the Distinguished International Colleague Award was renamed in his honor. Hal left indelible impressions in the universities, companies, clients, and professional organizations where he worked.

One of Hal's boldest assertions was that we in human factors and ergonomics are uniquely qualified to simultaneously optimize human well-being and overall system performance. He insisted that we had a special role to play in shaping the future. He believed in raising the professional standards of practice and encouraged anyone who would listen about the merits of professional certification. He practiced what he believed in, which embraced the systems approach in practice of our profession. His leadership, academic breadth, practical sensibilities, and human goodness made him a great professional and wonderful person. We will miss CPE #4 and all that he has done for us.

CPE ret. in the Spotlight

BCPE Editor

BCPE offers retired status to our certificate holders whose HF/E practice has ended or is limited to 15 hour a month or to those who now work in another profession. Retired status is awarded upon approval of the certificate holder's statement of work plus payment of a \$125 lifetime fee.

This issue's featured CPE ret. is Captain (ret.) James R. Callan, PhD. Dr. Callan works part-time in his retirement for the company he co-founded in San Diego, CA, Pacific Science & Engineering Group, Inc. For more than 25 years, Dr. Callan and PSE have been conducting applied research in HF/E and developing products that advance human performance.

BCPE: Who inspired you to become a HF/E professional?

JC: My business partner, and fellow CPE, Dick Kelly. We broke off from government work together at Navy Labs. At that time, rapid advances in computer technologies played a big role in a changing military, when 'command and control' was at the forefront. The computer revolution gave us the opportunity to do what we wanted to do, namely explore the boundaries of the profession as a company.

BCPE: Do you remember your first task analysis?

JC: (Smiles) No, but I do remember an early one. It involved torpedo handling equipment on a Los Angeles

class submarine. We used it to re-design the workspace and modify procedures.

BCPE: How has the field changed since your early days as an ergonomist/human factors professional?

JC: The field sees greater recognition than it did in its early years. Early on I had to explain to every potential client what a human factors engineer is, what he/she does, and how their work affects the bottom line.

Whereas today most people have a general idea of what we are and what we do.

BCPE: What challenges lie ahead for ergonomics/human factors as a field?

JC: Helping people manage and cope with vast amounts of information. Overload is an enduring challenge for our field.

BCPE: Is certification in ergonomics/human factors important today?

JC: Potential clients who call our office know that our certified people have a certain knowledge and skill set. Certification brings recognition to the field. Plus being certified is great way to remain connected to your colleagues.

BCPE: Do you have any advice for young professionals pursuing careers in ergonomics/human factors?

JC: Decide early on if you want to be an academic or practitioner. It is difficult to do both successfully. Working on applied projects in HF/E is something that can't be learned from a textbook. In fact, it may be difficult for young professional to see the application clearly at first. It may take you some time to learn how the 'real world' operates before you are successful as a practitioner.

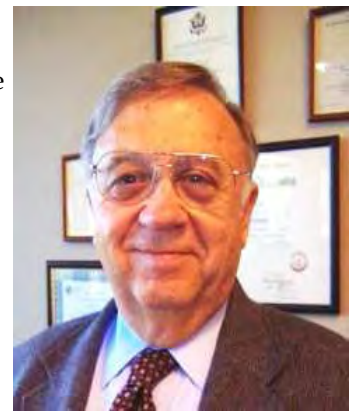
BCPE: What is retirement all about, really?

JC: Everybody has their own idea about retirement.

Some people see it as a time to go fishing. Working part-time in my 'third' career, I see it as an opportunity to mentor and offer support. I take pride in making a difference in little ways early on in systems development, and providing opportunities to people who want to work in HF/E. I'll stay around as long as I'm adding value to the business.

I joke with my wife, a practicing clinical psychologist, that she has to retire first!

BCPE: (Laughs) Thank you, Dr. Callan.



Captain (ret.) James R. Callan,
PhD, CPE ret.

New Website Launches

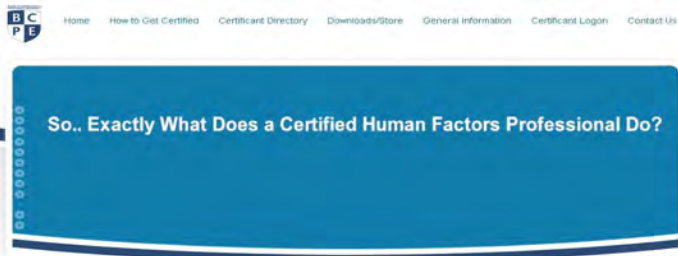
BCPE Editor

What exactly is it that you do? At networking events, in the lunch room and even at some family reunions, our industry professionals get asked this a lot. You were just looking forward to getting to the mashed potatoes when a 10 minute explanation occurs after Aunt Ginny asks this question and your gravy gets cold. Always seeking to improve the user experience, the BCPE launched a revamped website <http://bcpe.org/> on February 26, 2011 that showcases exactly what we do.

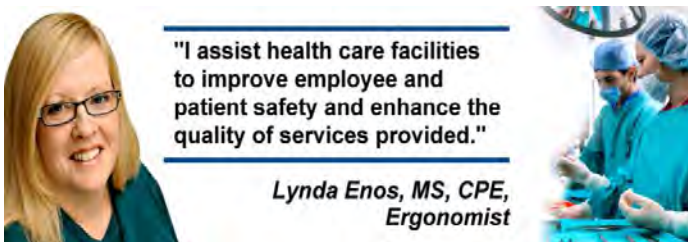
In addition to being a resource for current and prospective certificate holders, the fresh homepage offers a snappy rotating banner that asks what exactly each of the major designations does. This is followed by a series of pictures and a short description of what a CPE, CHFP or CUXP does during their work day.

"People don't realize the variety of things that BCPE certified professionals do -- from workplace ergonomics, to usability research, to software and web site design. We hope to catch the attention of a curious audience who is sometimes unsure of whether the industry could be a potential career path" says BCPE Vice-President Jim Rudd who oversaw the redesign process.

In the 'Certifications at a Glance' section, visitors can find out about the BCPE credentials, the certification process and also clarify criteria for the different certifications.



BCPE's newly designed homepage at <http://bcpe.org/>



What exactly do you do?

The clean aesthetics, information, search, and archives remain fully intact and easier to navigate. The site also incorporates the new logo which was launched in September of 2010.



"I head an effort to define a user experience strategy and implement a roadmap for cloud computing, a new direction for the industry and a foundation for innovations in ubiquitous computing."

Dr. Arnold Lund, CUXP

So when this question comes up at your next family reunion, send Aunt Ginny directly to the bcpe.org website and get on with passing those ergonomically mashed potatoes.

Editor's Note: The BCPE is seeking certificate holders who would like to be included in the new advertisement of what we do. Send a short submission and photo to (bcpehq@bcpe.org) for consideration. Submissions should *not* include the name of your employer. Photos should be high resolution and with a white background if possible.

FROM BCPE HEADQUARTERS BCPE 20th Anniversary Reception

San Francisco was the perfect location for BCPE's 20th anniversary celebration. Huge mylar silver balloons (a '2' and a '0') marked the entrance to the reception gala and blue and silver mylar balloons adorned the tables throughout the room. A large number of BCPE Directors and Past Directors attended and were identified by white and blue boutonniere ribbons. Popular hits from the past 20 years played as background music, while a power point presentation streamed major events during BCPE's past 20 years, mixed with our current sponsors and pictures of past and present BCPE Directors. The new BCPE logo was unveiled in the power point, on the anniversary cake and on giveaways. Giveaways consisted of BCPE luggage tags and six-inch magnifier rulers.

The highlights of the evening were a welcome from then President Jim Kondziela, PhD, CUXP; a drawing for a donated Steelcase Leap Chair (won by Mohamed Sheik



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BCPE 20th Anniversary Reception

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Nainar, PhD); and a presentation by the Foundation of Professional Ergonomics of the first Dieter Jahns Student Practitioner Award to Augusto Espinoza, an Embry Riddle graduate student. We thank everyone who joined us in celebrating this happy occasion!

2010 Application, Examination and Continuance of Certification Information

Applicants for BCPE certification must meet specific education and work experience requirements to qualify for the written examination. Last year, 64 applications were received by the BCPE: 29 CPE/CHFP/CUXP applications, 7 AEP/AHFP/AUXP to CPE/CHFP/CUXP applications, 17 AEP/AHFP/AUXP applications and 11 CEA applications.

Certification is awarded when a candidate successfully passes the written examination for designation as a CPE/CHFP/CUXP, AEP/AHFP/AUXP or CEA. A summary of candidates' exam performance for 2010 appears below.

Examination	# Examinees	# Passed	% Passed
CPE/CHFP/CUXP	22	17	77
AEP/AHFP/AUXP To CPE/CHFP/CUXP	6	6	100
AEP /AHFP/AUXP	19	11	58
CEA	12	3	25

Individuals with the CPE, CHFP or CUXP designation must submit a continuance of certification (CoC) worksheet every five years. A summary of the 2005-2010 CoC cycle follows below.

	<u>2005-2010</u>
CoC Worksheets Due	786
CoC Worksheets Submitted	679
CoC Worksheets Not Submitted or Incomplete	64
Retired Status Granted	32
Leave of Absence Granted	11
Overall compliance rate	86%

BCPE Financial Report 2010

In 2010, BCPE revenues totaled \$169,166 and expenses were \$146,821. This information is itemized below.

Income was up 9% over 2009; however expenses increased as well, up 23%. The primary revenue sources for BCPE continue to be certification maintenance fees, application fees, and sponsorship donations. The largest expense categories in 2010 consist of office administration (which includes a part-time temporary worker the full year), exam development, web redesign, and costs associated with business meetings and the networking reception.

If you have any questions regarding this report, please contact Karel Jahns, Financial/Information Systems Manager.

REVENUE

Application CPE/CHFP	\$ 11,900
Application AEP/AHFP	2,500
Application CEA	3,100
Maintenance Fees	134,030
Sponsorship Donations	9,000
Late Fees	3,680
Job Bank	2,265
Interest	1,151
Miscellaneous	1,015
Exam Retake Fees	525
Total Revenue	\$169,166

EXPENSES

Salaries	\$69,829
Payroll Expenses	7,910
Med. Insurance	8,665
Utilities	1,200
Telephone/Fax/Internet	2,613
Hard/Software Main/Repair	1,380
Casualty/Property Insurance	305
Office Supplies	1,323
Postage/Shipping	1,311
Copying/Printing	2,081
HQ Staff Travel	4,737
Business Meetings	2,937
Networking Reception	5,820
Dues/Subscriptions/Fees (NCCA, ICE, PO Box)	4,216
Professional Consultants	1,723
Taxes	2,364
Bankcard sales %	4,661
Capital Improvements	166
Miscellaneous (Calligraphy, Awards)	615
Info Dissemination-Marketing	3,979
Newsletter	1,076
Website	7,248
Standards Devel/Admin (Exam/App Eval/CoC)	8,714
Depreciation	1,948
Total Expenses	\$146,821

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FROM BCPE HEADQUARTERS

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Highlights from BCPE's 2010 Annual and 2011 Mid-Year Meetings

2010 Annual Meeting in San Francisco, CA

- The Marketing Committee Chair reported goals of increased student outreach and announcement of the new logo at the annual meeting.
- The Web Committee plans to launch the redesigned website in the near future.
- Workload for Continuance of Certification (CoC) was reviewed, as well as some problem areas.
- Conversations held with UPA on User Experience Certification have waned.
- The 2011 budget was approved as revised with reductions in projected expenses in marketing and capital improvements.
- A demographic presentation of data showing trends in our certification indicated an urgent need to bring in more certificants. Various policy changes were discussed regarding AEP procedures.
- An ethics hearing was held regarding charges brought against a BCPE certificate holder. The certificate holder was found guilty of violating BCPE Code of Ethics Principal #4. The individual claimed to have obtained an additional graduate degree, not actually received, after certification had been awarded. The individual received a permanent reprimand in his record and may retain CPE status pending no further sanctions.



BCPE President Jim Kondziela, PhD, CUXP presents a plaque of appreciation to Chris Hamrick, MSIE, CPE for his six years of outstanding service as a BCPE Director.

- Amendments to the Bylaws were approved. The Logo Use policy was amended.
- The IEA request for BCPE to recognize other ergonomic certifications was determined to need more discussion.
- Chris Hamrick was recognized with a plaque of appreciation for his six years of outstanding service to the Board.
- The 2010-2011 slate of officers was approved: Lynda Enos, President; Jim Rudd, Vice-President; David Brodie, Treasurer; and, Hugh McLoone, Secretary.

2011 Mid-Year Meeting in Chicago, IL at CNA

- Exam Development strategies were reviewed by Marv Dainoff with discussion about future pilot exams.
- An appeal will be made of ICE's decision to not include the CUXP designation in our currently accredited CPE and CHFP credentials.
- A tightening of overdue certification maintenance fees (CMFs) will be enforced. There will be no grace period after a maintenance fee has been due for 12th month of the year of renewal. Certificate holders who are approaching the one year overdue mark, will receive a certified letter dated 30 days prior to the end of the 12 month period to advise them their credential will be rescinded if payment is not made by December 31st.
- The CoC process was reviewed to streamline it going forward. The worksheet will be revised. Example worksheets will be provided. A CoC reviewer guide will be written.



2011 Mid-Year Meeting in Chicago, IL

Standing (left to right): Bill Boyd, MS, CPE; David Copley, BEE; Jim Kondziela, PhD, CUXP; Jeff Fernandez, PhD, CPE; Marv Dainoff, PhD, CPE; Dave Brodie, MS, CPE; Lynda Enos, MS, CPE; Kris Rightmire, BS Executive Administrator

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Highlights from BCPE's 2010 Annual and 2011 Mid-Year Meetings

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- A CoC audit process will be initiated for CoC Worksheets already reviewed.
- Marketing to ASSE's ergonomics specialty group continues.
- Revisions were made to BCPEs reinstatement policy.
- Joe Cohen, PhD, CPE, Paul Green, PhD, CHFP, and Rachel Michael, MSc, CPE, were elected to the Board of Directors. Paul will begin service immediately to fill Lee Ostrom's position vacated in February. Joe and Rachel will begin their terms at the end of the Annual Meeting in Las Vegas, NV when formally installed.

Changes to the 2010-11 Directory of BCPE Certificate Holders

BCPE would like to congratulate 53 candidates who have successfully obtained certification since our last newsletter. The current number of BCPE certificants is 1,165:

- 1,008 CPEs/CHFPs/CUXPs
- 88 AEPs/AHFPs/AUXPs
- 69 CEAs

New certificate holders are:

CPEs/CHFPs/CUXPs

Christiane M. Aitken MEng, CHFP
Steven R. Arndt, PhD, CHFP
Monica A. Barrera Gutierrez, MS, CPE
Danielle Barzoloski, MS, CPE
*Teresa A. Bellingar, PhD, CPE
**James P. Bongarra Jr., MA, CHFP
Zachery D. Collins, MS, CPE
*Gregory P. Cresswell, BSc, CPE
*Zachary R. Doerzaph, PhD, CHFP
Robert G. Feyen, PhD, CPE
Michael E. Fonda, MS, CPE
*Jess D. Gilland, PhD, CPE
Jason P. Greene, BSc, CPE
Markus Hartono, MSc, CHFP
Brad J. Hutchins, MPT, CPE
*Susan E. Kotowski, PhD, CPE
*Pieter C. Kruithof, Jr., MS, CPE
*James P. Mecham, MS, CPE
Daniel J. Padilla, MS, CPE
Kay P. Paul, MSPH, CPE
*Kevin M. Perdeaux, BSc, CPE
+Esau Perez, MS, CPE

Jessica G. Ramsey, MS, CPE
*Martin JM Robb, MS, CPE
*Juan C. Rodriguez, MS, CPE
Susan M. Shaw, MSE, CPE
*Jeffrey J. Smith, MS, CUXP
+Roger L. Stephens, PhD, CPE
Kay C. Tan, PhD, CHFP
Yeu-Li Yeung, MS, CPE
Marina Zielinski, MA, CHFP
*AEPs/AHFPs/AUXPs transitioning to CPE/CHFP/CUXPs
**Last CHFP by Portfolio Review
+Reinstated

AEPs/AHFPs/AUXPs

***Anne E. Adams, PhD, AHFP
***Stacy A. Balk, PhD, AHFP
***Rajaram Bhagavathula, MS, AHFP
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***Yusuke Yamani, MS, AHFP
***Yu Zhang, PhD, AHFP

***By exam waiver as a graduate of an IEA Federated Society's accredited ergonomics/human factors degree program

CEAs

Christopher A. Janicak, PhD, CEA
Matthew C. Marino, MS, CEA

The following are no longer current in their certification:

Frances Ainslie
Heather Allen
Gary Bagsby
Scott Bahr

(Continued on page 10)

Changes to the 2010-11 Directory of BCPE Certificate Holders

(continued from page 9)

Alex Bailey
Arthur Beare
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Kevin Bury
Julie Bzostek
Charles Cacha
Robert Carroll
Elizabeth Covalla
Karen Cunningham
Sara Czaja
Gregory Deal
Robert Dick
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Kimberly Ghysin
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B E Melville
Gregory Metheny
Jon Moldestad
Jacqueline Mozrall
Eric Nash
Lawrence O'Brien Jr.
Robert Ochsman
Rachel Ornan
Mary Kathleen Palmer
Marla Perper
Craig Petrun

Vicki Pittenger
Jeffrey Powers
Kevin Quaid
Mark Redfern
Nathan Rucker
Robert Rummer
Kim Sherman
Robert Simon
Paula Sind-Prunier
M. Gregory Smith
Kathleen Snowberry
Kenric Socks
James Stewart
Richard Szabo
Sandra Szabo
James Tassin
Bruce Taylor
Fariborz Tayyari
Fred Turin
Karl Van Orden
Wayne Walls
Mary Waitkus
Diane Williams
Mary Williams
Gary Williamson
David Willingham
Mark Wise

Lost

BCPE has lost contact with Kathleen T. Malik, MA, CEA, formerly in Raleigh, NC and also Mary E. Peters, MS, CEA formerly of Independence, MO. If you know how we can reach Kathleen or Mary, please let us know.

Retired Status

BCPE offers a retired status for those certificate holders who no longer practice ergonomics/human factors or who practice no more than 15 hours per month. Retired status is awarded upon approval of the certificate holder's statement of work plus payment of a \$125 lifetime fee. There are currently 102 holding the retired status. Certificate holders who have recently opted for this status are:

M. M. Ayoub, PhD, CPE ret.
James D. Baker, PhD, CPE ret.
Walter E. Baker, DPS, CPE ret.
George J. Boggs, PhD, CHFP ret.
William R. Brough, BS, CPE ret.
Daniel L. Cimmino, BS, CPE ret.

(Continued on page 11)

Changes to the 2010-11 Directory of BCPE Certificate Holders

(continued from page 10)

Rab Cross, MD, CPE ret.
Marilyn H. Dainoff, MS, CPE ret.
Richard C. Davids, MA, CHFP ret.
Thomas P. Enderwick, MA, CPE ret.
Frank B. Enwright, MA, CHFP ret.
Glen R. Galloway, MS, CHFP ret.
Joseph F. Grikis, MA, CPE ret.
Virginia D. Hill, MAT, CPE ret.
Patricia S. Hubbell, MS, CPE ret.
John Kelling, BA, CPE ret.
Kenneth R. Laughery, Jr, PhD, CPE ret.
Michael G. Lilienthal, PhD, CPE ret.
Thomas F. McCoy, DO, CPE ret.
J. Steven Moore, MD, CPE ret.
Frances E. Mount, PhD, CHFP ret.
William C. Ours, MS, CPE ret.
J. Thomas Roth, PhD, CPE ret.
Franz Schneider, MS, CPE ret.
Lothar R. Schroeder, MS, CPE ret.
Lois A. Van Lente, BSIE, CPE ret.
Ulrika C. Wallersteiner, MSc, CPE ret.

Volunteer Thank You

We would like to thank and recognize everyone who has donated their time and talent to BCPE in the last year. We greatly appreciate your service to the organization and those seeking BCPE certification. If we've inadvertently omitted your name, please know your efforts are very much appreciated.

Charles Abernethy, PhD, CHFP
Tom Adams, ME, CHFP
Tom Albin, MS, CPE
Gary Allread, PhD, CPE
Tony Andre, PhD, CPE
Amy Baker, MSIE, CPE
John Barnett, Jr., PhD, CPE
David Beattie, BAsC, CHFP ret.
Gregory Bedny, ScD, CPE
Mark Benden, PhD, CPE
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Brett Besser, MPH, CPE
Amit Bhattacharya, PhD, CPE
Jim Borchardt, BA, CPE
Bill Boyd, MS, CPE
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Cindy Ching, MHS, CPE
George Chuckrow, BA, CPE
Vincent Ciriello, ScD, CPE
Harvey Cohen, PhD, CPE
Joe Cohen, PhD, CPE
Michelle Cross, MS, CPE
David Copley, Vice President, EMCOR Group
Marv Dainoff, PhD, CPE
Kermit Davis, PhD, CPE
Line Deschenes, MEng, CPE
Bill Dowell, BS, CPE
Vincent Duffy, PhD, CPE
Bill Elliott, MS, CPE
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Lynda Enos, MS, CPE
Sue Ferguson, PhD, CPE
Max Fogleman, PhD, CPE
Michael Fonda, PhD, CPE
Bob Fox, PhD, CPE
Jeff Fernandez, MS, CPE
Andy Freivalds, PhD, CPE
Yushi Fujita, PhD, CPE
Robert Fuld, MSIE, CHFP
Jim Fullmer, MSIE, CUXP
Victor Garrison, BA, CPE
Dave Gilkey, PhD, CPE
Rick Goggins, MS, CPE
Maureen Graves-Anderson, MS, CPE
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Doug Harris, PhD, CPE
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Markus Hartono, MSc, CHFP
Mark Heidebrecht, MSE, CHFP
Hal Hendrick, PhD, CPE ret.
Laura Hintz, MIE, CPE
Virginia Hixson, MS, CPE
Mark Hoffman, MA, CPE
Lee Huber, BS, CPE
Richard Hughes, PhD, CPE
Ed Irwin, MS, CPE

(Continued on page 12)

Volunteer Thank You

(continued from page 11)

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We are always in need of volunteers. Please consider donating your time to the service of our nonprofit organization. BCPE's continued success will be aided with your commitment of time. If interested, please contact Kris Rightmire at bcpehq@bcpe.org.

Upcoming Professional Development Opportunities

Conferences

September 2011

2nd International Conference on Driver Distraction and Inattention, September 5-7, Lindholmen Conference Centre, Gothenburg, Sweden, <http://www.chalmers.se/ddi2011>.

Puget Sound Human Factors and Ergonomics Society Symposium/Workshop, September 14-15, 2011, Museum of Flight, Seattle, WA, www.pshfes.org.

Human Factors and Ergonomics Society 55th Annual Meeting, September 19-23, 2011, Red Rock Hotel, Las Vegas, NV, www.hfes.org.

VIMS2011, September 22-23, Red Rock Hotel, Las Vegas, NV, <http://www.vims2011.org/>.

AOPA Aviation Summit, September 22-24, Hartford, CT, <http://www.aopa.org/summit/>.

October 2011

1st International Scientific-Practical Conference "Contemporary Ergonomics and Business 2011" in RIGA, LATVIA (October 7, 2011).

2011 IEEE International Conference on Systems, Man, and Cybernetics, October 9-12, Anchorage, AK, <http://www.smc2011.org/>.

NBAA 64th Annual Meeting & Convention, October 10-12, Las Vegas, NV, <http://nbaa.org>.

ACE 42nd Annual Conference Ergonomics & Performance: Health, Safety and Beyond, October 18-20, London, ON, Canada, <http://www.ace-ergocanada.ca/index.php?command=buildBlock&contentid=850>.

HFES Europe Chapter Annual Meeting 2011, October 19-21, Weetwood Hall, Leeds, UK, <http://conference.hfes-europe.org>.

SAFE Association 49th Annual Symposium, October 24-26, Grand Sierra Resort & Casino, Reno, NV, <http://safeassociation.com>.

November 2011

World Usability Day, November 10, 2011, <http://worldusabilityday.org>.

Defence Human Sciences Symposium, November 16-17, Melbourne, Australia, <http://www.dsto.defence.gov.au/dhss2011/>.

AutomotiveUI'11 - 3rd International Conference on Automotive User Interfaces and Interactive Vehicular Applications, November 29-December 2, Salzburg, Austria, <http://www.auto-ui.org>.

National Ergonomics Conference and Exposition, November 29-December 2, 2011, Las Vegas, NV, <http://ergoexpo.com>.

ACHI 2012: The Fifth International Conference on Advances in Computer-Human Interactions, January 30-February 4, Valencia, Spain, <http://www.iaria.org/conferences2012/ACHI12.html>. Abstracts due: September 5, 2011.

February 2012

IEA 2012 - The 18th World Congress on Ergonomics, February 12-16, 2012, Recife, Brazil, <http://iea2012.org/home.htm>.

March 2012

Applied Ergonomics Conference and Expo, March 26-29, 2012, Gaylord Opryland Resort & Convention Center, Nashville, TN, <http://www.iienet2.org/ergo/conference/>.

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Upcoming Professional Development Opportunities

(continued from page 13)

April 2012

EHF2012, April 16-19, Blackpool, UK, <http://www.ehf2012.org.uk>. Papers due: October 10, 2011.

June 2012

American Industrial Hygiene Conference and Exposition, June 2-7, 2012, Indianapolis, IN, <http://www.aiha.org/>.

American Society of Safety Engineers Annual Professional Development Conference, June 3-6, 2012, Denver, CO, <http://www.asse.org/>.

July 2012

4th International Conference on Applied Human Factors and Ergonomics (AHFE 2012), July 21-25, San Francisco, CA, http://www.ahfe2012.org/files/CFP_2012_26.pdf.

Short Courses

- Harvard School of Public Health, Center for Continuing Professional Education. <https://ccpe.sph.harvard.edu/programs.cfm?loc=l>.
- Institute for Ergonomics at Ohio State University. <http://ergonomics.osu.edu/index.html>.
- The University of Michigan Center for Ergonomics. <http://www.engin.umich.edu/dept/ioe/C4E/ceo.html>.
- The University of North Carolina at Chapel Hill, The North Carolina Occupational Safety and Health Education and Research Center. <http://osherc.sph.unc.edu/>.

BCPE's 2011/2012 Calendar of Events

September 18, 2011	BCPE Exam in Las Vegas, NV at the Annual Meeting of the Human Factors and Ergonomics Society (HFES). Postmark deadline for application: May 18, 2011.
September 23-24, 2011	BCPE Annual Meeting, Las Vegas, NV.
November 28, 2011	BCPE Exam in Las Vegas, NV at the National Ergonomics Conference & Exposition (ErgoExpo). Postmark deadline for application: July 28, 2011.
March 26, 2012	BCPE Exam in Nashville, TN at the Applied Ergonomics Conference (AEC). Postmark deadline for application: November 28, 2011.
April 23, 2012	BCPE Exam at various locations around the U.S. and Canada. Postmark deadline for application: December 23, 2011.
June 17, 2012	BCPE Exam in Indianapolis, IN at the American Industrial Hygiene Conference & Exposition (AIHce). Postmark deadline for application: February 17, 2012.
October 21, 2012	BCPE Exam in Boston, MA at the Annual Meeting of the Human Factors & Ergonomics Society (HFES). Postmark deadline for application: June 21, 2012.
November 26, 2012	BCPE Exam in Las Vegas, NV at the National Ergonomics Conference & Exposition (ErgoExpo). Postmark deadline for application: July 26, 2012.

THE PROFESSIONAL ERGONOMIST

The Newsletter of the BCPE

Summer 2011

Volume XIX Number 1

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