



THE PROFESSIONAL ERGONOMIST

Spring | Summer
2015

The Newsletter of the Board of Certification in Professional Ergonomics

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Core Competencies Update

The BCPE effort to update the core competencies is nearly complete. The whole process of core competency review, refinement and validation is conducted every five years and is an essential best practice for a certification body. Most recently BCPE certificants were asked to rate Tasks listed under four domains, Analysis, Design, Validation and Implementation. Two ratings, Frequency and Criticality, were requested and comments were welcomed. The response rate to the survey was 52%. This field survey is the mechanism by which the Core Competencies, drafted by the Subject Matter Expert panel, are validated and each task weighted for the exam. Knowledge and Skills for each task were developed and they will provide guidance for question development and candidate study. When the final formatting of the new core competencies is complete, they will be available on the BCPE web page.

Applications for the FALL 2016 exam, due by April 31, 2016 will be based on the new core competencies.

We would like to thank the SME panel that gave two days of their time to review and update the core competencies and to conduct subsequent reviews to completion.

Continuance of Certification Points

THANK YOU to all those who responded to the survey on core competencies! The survey closed

on February 9, 2015. Those of you who responded to the survey **and** provided email addresses have earned 2 Continuance of Certification points. You may record those points on your CoC worksheet, under section 3, ergonomics-related service, during your current 5-year CoC cycle.

Mid-Year Meeting Highlights

The BCPE Board of Directors held their 2015 Midyear Meeting in Baltimore prior to the Human Factors and Ergonomics Society Symposium on Human Factors and Ergonomics in Health Care, on April 25 to 26. The agenda for this meeting focused on strategic planning.

- President Joe Cohen led the strategic planning session, which continued from the 2014 Annual Meeting. Committee breakouts focused on developing strategies of Board Core Infrastructure, Board Recruiting, Business Continuity, and Certification Process.
- Results of the recent job analysis questionnaire served as the basis for the final Knowledge and Skills document. The Board voted to endorse the process and result of the new Core Competencies with the updated Knowledge and Skills.
- The Board worked to clarify the Continuance of Certification guidelines, updated quorum requirements to simple majority, and discussed a fee structure for international certificants.
- Director elections for the 2016-2018 term were held. Three Directors will be installed at the 2015 Annual Meeting in October 2015.

BCPE Professional Outreach

- **ASSE.** BCPE Treasurer Rachel Michael led a well-attended roundtable discussion on the topic of employee engagement in the ergonomics process as part of the American Society of Safety Engineers' (ASSE) Professional Development Conference in Dallas, TX, June 8.
- **Ergo X.** BCPE President Joe Cohen, CPE presented a Spotlight session on certification at Ergo X in Anaheim, CA, June 18-19.
- **IEA 19th Triennial Congress.** BCPE Executive Director Carol Stuart-Buttle, CPE will present in a double session on certification around the world at the upcoming Triennial Congress of the International Ergonomics Association (IEA) in Melbourne, Australia, August 9-14.
- **BCPE** continues to advertise at conferences in a variety of ways including having a booth, conference bag inserts and program advertisements. This year to date, we had a presence at the Applied Ergonomics Conference and HFES Symposium on HFE in Health Care.

Annual Financial Report

BCPE's 2014 revenue totaled \$170,088, a 7% increase over 2013, while expenses were \$171,475, reflecting a 4% increase. This information is itemized below. Certification renewal fees, along with application and exam fees, provided our primary revenue. Our greatest expenditures were exam development and administration, office administration, business meetings and marketing.

If you have questions concerning this report, please contact Kris Rightmire, Executive Administrator.

REVENUE		EXPENSES	
Application, exam (& retake fees)	\$25,055	Salaries and related costs	\$95,321
Renewal fees (& late fees)	141,803	Administrative costs	14,712
Miscellaneous income	3,230	Business meetings	6,582
		Marketing	9,483
		Computer, web, database	8,539
		Exam development & admin	34,919
		Miscellaneous	1,919
TOTAL REVENUE	\$170,088	TOTAL EXPENSES	\$171,475

New LinkedIn BCPE Page

Connect with other certificate holders through the new LinkedIn group "[Board of Certification in Professional Ergonomics](#)." This official group is managed by the BCPE Directors and posts are reviewed by an authorized moderator before publication on the site.

FPE Student Award Submission Deadline

The Foundation for Professional Ergonomics has announced the 2015 deadline for the Dieter W. Jahns Student Practitioner Award. The award was created in honor of Dieter Jahns, a lifelong advocate of the practice of ergonomics and a leader in ergonomics certification. The submission deadline for the 2015 award is **June 30**. Notification of the winner will be sent by July 31.

The annual award is given to the student (or group of students) for a 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 people's lives at work and at home healthier, safer, more productive, and more satisfying. The award is open to master's and doctoral students in ergonomics and ergonomics-related programs. Students who have completed their graduate degrees within one year of submitting are also eligible.

The award and cash prize of \$500 will be presented during the HFES Annual Meeting, October 26–30, 2015, in Los Angeles, California.

As this is a practitioner award, the student (or students) should describe and document a research or intervention project that exhibits the following:

- The major practice areas of ergonomics: analysis, design, and evaluation
- Direct, practical application
- Final design recommendations or a description of how the resulting information can be applied to design.

Submissions can be made individually or as a group. They should provide adequate descriptions, illustrations or photos, and details that address the judging criteria. Entries will be judged by the FPE Board of Directors. Please go to www.ergofoundation.org for complete details on criteria and format.

Certification and Exam Status

Certificant Totals

Through June 22, 2015 there were 1285 certifiants:

- 935 Professional Certifiants
- 157 Associate Certifiants
- 134 Retired Certifiants (Professional and CEA)
- 59 Certified Ergonomics Associates (CEA)

Examination

Summary of Spring 2015 examination.

Applicant	# Candidates	# Passed	% Passed
Professional & Associate to Professional	36	19	53

New Certificants

Congratulations to the 19 candidates who successfully passed the Spring 2015 exam and obtained Professional Certification. We also welcome 7 new Associate Certificants since the last newsletter!

New Professional Certificants:

Chad W. Armstrong MS, CPE
Gregory W. Bordner MS, CPE
Ryan Cowart MS, CPE*
Michael W. Goings MS, CHFP
Katherine E. Grosteffon MS, CPE*
D'Anne L. Harp MS, CPE
Mohammad Jeelani MS, CPE*
Rebecca N. Jensen BS, CPE
Robert J. Jernigan Jr. BS, CPE
Scott W. Kirschner BS, CPE
Jon D. Sebree BS, CPE
Christopher R Spinney MSc, CPE*
Allison Y. Strohlic MS, CHFP
Jacqueline A. Sutherland MS, CPE
Anya K. Taylor MA, CPE
Nicholas R. Thompson MS, CPE
Jonathan I. Tilliss MPS, CHFP
William J. Vigilante Jr PhD, CPE
Xin Wang MS, CPE*

New Associate Certificants:

Sivan Almosnino PhD, AEP
Marc Christian PhD, AEP
Iris N. Dulay BS, AEP
Na Mi PhD, AUXP
Brayden D. Mills BS, AEP
James D. Taylor MA, AEP
Yubin Xi MS, AEP

* Associate to Professional transition

Certificants No longer Current

Since the last newsletter the following individuals are no longer BCPE certified:

John Barnett
Zhangfan Lin
Roman Longoria

Retired Status

BCPE offers a retired status for those certificate holders who no longer practice 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 one-time \$150 retired status fee.

Volunteering

THANK YOU to the numerous certificants who have 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 you are interested in volunteering, we welcome your involvement! We have standing committees related to **Communication**, **Outreach** and **Certification** that would benefit from your assistance. If you would like more information about BCPE volunteer opportunities, please contact Kris Rightmire at bcpehq@bcpe.org.

Job Postings

Employers can reach practitioners by posting available job openings at the BCPE Job Bank. Jobseekers can view all available positions or narrow their search by a selection of criteria.

Certificants who are employers receive a 15% discount in posting fees. For a three month advertisement, a Certificant pays \$255 versus \$300 for non-certificate holders.

Checkout the Job Postings at www.bcpe.org for posted positions.

Calendar of Events

BCPE 2015 - 16 Calendar of Events

Sept 1 - Oct 31, 2015	Fall 2015 Certification Examination Offering.
Oct 27, 2015	BCPE Annual Networking Reception, Los Angeles, CA.
Oct 29 - Oct 30, 2015	BCPE Annual Business Meeting, Los Angeles, CA.
Nov 30, 2015	Application Deadline for Spring 2016 Certification Examination.
April 1 - May 31, 2016	Spring 2016 Certification Examination Offering.
April 30, 2016	Application Deadline for Fall 2016 Certification Examination.
Sept 1 – Oct 31, 2016	Fall 2016 Certification Examination Offering.

Professional Development Opportunities

The following lists of Conferences, Short Courses and Webinars are provided as a convenience to certificants. They are neither reviewed nor endorsed by BCPE.

2015

- July [ECCE 2015](#): European conference on Cognitive Ergonomics, **July 1-3**, Warsaw, Poland.
- [AHFE 2015](#): 6th International Conference on Applied Human Factors and Ergonomics, **July 26-30**, Las Vegas, NV, USA.
- August [HCI 2015](#): 17th International Conference on Human-Computer Interaction, **Aug 2-7**, Los Angeles, CA.
- [19th Triennial Congress of the International Ergonomics Association](#), **Aug 9-14**, Melbourne, Australia.
- [17th International Conference on Human-Computer Interaction with Mobile Devices and Services](#), **Aug 24-27**, Copenhagen, Denmark.
- September [AutomotiveUI'15](#): 7th International Conference on Automotive User Interfaces and Interactive Vehicular Applications, **Sep 1-3**, Nottingham, UK.
- October [ACE2015](#) 46th Annual Conference of the Association of Canadian Ergonomists/46^e congrès annuel de l'Association canadienne d'ergonomie
Ergofest: Celebrating our achievements in research and applied ergonomics
/Ergofest: Célébrons nos succès en recherche et en ergonomie appliquée, **Oct 5-8, du 5 au 8 octobre**, Waterloo, Ontario, Canada.
- [HFES2015](#): International Annual Meeting of the Human Factors and Ergonomics Society, **Oct 26-30**, Los Angeles, CA, USA.
- November [National Ergonomics Conference & ErgoExpo](#), **Nov 17-19**, Las Vegas, NV.
- December [7th International Conference on Intelligent Human Computer Interaction](#), **Dec 14-16**, Allahabad, India.
- [International Conference on Man and Machine Interfacing](#), **Dec 17-19**, Bhubaneswar, India.

2016

March

[ACM iUI 2016](#): Conference on Intelligent User Interfaces, **Mar 7-Apr 10**, Sonoma, CA, USA.

[Conference on Human Informational Interaction and Retrieval](#), **Mar 13-17**, Carrboro, NC, USA.

[iConference](#), **Mar 20-23**, Philadelphia, PA, USA.

[AEC 2016](#): Applied Ergonomics Conference **Mar 21-24**, Disney's Coronado Springs Resort, Orlando, FL, USA.

April

[2016 Safe Patient Handling and Mobility Conference](#), **April 11-15**, Glendale, AZ, USA.

[HFES 2016 International Symposium on Human Factors and Ergonomics in Health Care: Shaping the Future](#), **Apr 13-16**, San Diego, CA, USA.

[EHF 2016](#): Annual conference of Chartered Institute of Ergonomics and Human Factors, **Apr 19-21**, Staverton Park, UK

May

[CHI 2016](#): Conference on Human Factors in Computing Systems, **May 7-12**, San Jose, CA, USA.

[ICAIE Berlin 2016](#): 18th International Conference on Applied Ergonomics, **May 19-20**, Berlin, Germany.

AIHce 2016 – American Industrial Hygiene Conference and Expo, **May 23-26**, Baltimore, MD, USA. *More information coming soon!*

June

[Safety 2016](#): ASSE Professional Development Conference & Exposition, **Jun 26-29**, Atlanta, GA, USA.

[ergoX](#) –an extraordinary ergonomics event, HFES, **June 2016**. *More information coming soon!*

[UXPA 2016](#): User Experience Professionals Association conference, *More information coming soon!*

July

African HCI Conference, **Jul 3-8**, Nairobi, Kenya

[HCI 2016](#): Human-Computer Interaction International, **Jul 17-22**, Toronto, Canada.

AHFE 2016: 7th International Conference on Applied Human Factors and Ergonomics. *More information coming soon!*

- August [ICHFE 2016](#): 18th International Conference on Human Factors and Ergonomics, **Aug 4-5**, Amsterdam, The Netherlands.
- September HFES 2016, International Annual Meeting of the Human Factors and Ergonomics Society, **Sep 19-23**, Washington, D.C., USA. *More information coming soon!*
- October ACE 2016: 47th Annual Conference of the Association of Canadian Ergonomists. *More information coming soon!*
- [NordiCHI '16](#): Nordic Conference on Human-Computer Interaction, **Oct 23-27**, Gothenburg, Sweden.
- November [Conference on Supporting Groupwork](#), **Nov 13-16**, Sanibel Island, FL, USA.
- [National Ergonomics Conference & ErgoExpo](#), **Nov 17-20**, Las Vegas, NV.

Short Courses

2015

- July [Summer Session in Epidemiology](#). **July 12-31**, Graduate course held in University of Michigan, Ann Arbor, MI, USA.
- [SEIPS 2015](#): Systems Engineering Initiative for Patient Safety (SEIPS) Short Course on Human Factors Engineering and Patient Safety: Human Factors and Sociotechnical Systems Engineering, **July 13-17**, University of Wisconsin-Madison, Madison, WI.
- [2015 Applied Ergonomics Course](#) - Risk Assessment and Prevention for Workplace Injuries. Part 1 Low Back, Part 2, Upper Extremity, **Jul 20-24**, University of Wisconsin-Milwaukee, Milwaukee, WI, USA.
- 56th [Annual Human Factors Short Course \(2015\)](#) Designing Systems, Products and Services to Make them Easier, Safer and More Effective for Human Use. **Jul 27-Aug 7**, Center for Occupational Health and Safety Engineering. The University of Michigan, Ann Arbor, MI, USA.

- August [HFESA Short Course: Health & Design of Work](#), La Trobe University, **Aug 6-7**, Melbourne, Australia.
- [Human Factors for Medical Devices](#), **Aug 26-28**, Association for the Advancement of Medical Instrumentation, Alexandria (Hotel Monaco), VA, USA.
- October [Ergonomics and Human Factors: Strategic Solutions for Workplace Safety and Health](#), **Oct 5-9**, Harvard T.H. Chan School of Public Health, Boston, MA, USA.
- [Autumn 2015 Ergonomics Short Course](#), **Oct 6-9**, Ohio State University, Columbus, OH, USA.
- November [Human Factors for Medical Devices](#), **Nov 4-6**, Association for the Advancement of Medical Instrumentation, Arlington (Hilton Crystal City), VA, USA.
- Various** [Human Factors and Ergonomics Society \(HFES\) Educational Resource Listing](#) – a listing of educational opportunities of varying formats (degree, certificate, distance and short course) maintained by HFES.

Webinars 2015

- June [Webinar - Closing the Gap: Where to Find and Access New Ergonomics Research](#), **Jun 23**
Institute of Industrial Engineers, Norcross, GA.
- [Webinar – Considerations for Validity in Experimental and Quasi-Experimental Research](#), **Jun 15**
Human Factors and Ergonomics Society, Santa Monica, CA.
- July [2015 Ergonomics Online Webinar Series](#), **Jul 14** (one Tuesday per month thereafter)
UCLA/ UC Irvine – Southern California Educational and Research Center, CA.
- September [ErgoExpo Webinar Series](#), **Sep 9**, visit the weblink periodically for this and future webinar topics as details are confirmed (note a comprehensive listing of on-demand webinars is also available).
- October [ErgoExpo Webinar Series](#), **Oct 14**, visit the weblink periodically for this and future webinar topics as details are confirmed (note a comprehensive listing of on-demand webinars is also available).

- November [ErgoExpo Webinar Series](#), **Nov 11**, visit the weblink periodically for this and future webinar topics as details are confirmed (note a comprehensive listing of on-demand webinars is also available).
- Various** [HFES Webinar listing](#). Human Factors and Ergonomics Society offers webinars throughout the year and access to the library of webinars.

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