

# BGC Update

Board for Global EHS Credentialing  
(was ABIH)

**Alan Leibowitz, CIH, CSP**  
**Vice Chair**

**BGC Director 2017-2022**  
**President, EHS Systems Solutions LLC**



# BGC Board of Directors 2020



**Cynthia Hanko, CIH**  
Chair  
BGC Director 2016-2021  
Honeywell International



**Kari Brisolara, ScD, MSPH, QEP**  
BGC Director 2019-2022  
LSU School of Public Health



**Subena Colligan, MS, CIH, CSP**  
BGC Director 2020-2023  
Gulfstream Aerospace



**Robert DeHart II, PE, CSP, CIH,**  
CHMM, BCEE  
BGC Director 2016-2020  
Robert E. DeHart II, PLLC, HSE&S  
Consultant



**Donna Doganiero, CIH, FAIHA**  
BGC Director 2017-2021  
Department of the Army



**Libby Ford, QEP, CHMM, CEP**  
BGC Director 2017-2021  
Nixon-Peabody, LLP



**Tom Grumbles, CIH, FAIHA**  
BGC Director 2019-2022  
Retired



**Mary Ann Latko, CIH, CSP, QEP,**  
CAE, FAIHA  
BGC Director 2016-2020  
Connected Strategies, LLC



**Alan Leibowitz, CIH, CSP, FAIHA**  
Vice Chair  
BGC Director 2017-2022  
EHS Systems Solutions, LLC



**Cheri Marcham, PhD, CSP, CIH,**  
CHMM, FAIHA  
BGC Director 2019-2022  
Embry-Riddle Aeronautical  
University



**Eileen O'Neill, PhD, BCES, Public**  
Member  
BGC Director 2020-2021  
Retired



**James M. Powell, QEP, BCEEM**  
BGC Director 2017-2021  
Mostardi Platt



**Dirk Yamamoto, PhD, CIH, CSP, PE**  
Past Chair  
BGC Director 2015-2020  
US Air Force



# BGC Staff

NAME	ROLES
Ulric K. Chung, MCS, PhD	Chief Executive Officer BGC Accreditations, Ethics, Marketing
Ron Drafta, CIH <sup>®</sup> , CSP, SPHR	Examination
Gary Leisenring	Accounting
Diana Kobus	IPEP Executive Director
Paul Rathe	Executive Assistant to the CEO Office Administration
Liz Root	Credentialing Assistant
Yvette-M Smith, PhD	Applications & Reapplications
Pamela J. Trim	BGC Certification Maintenance CM Worksheets/Audits Fees

PRECISE. RIGOROUS. ESSENTIAL.

## FUTURE-FORWARD

We are very pleased to announce that the American Board of Industrial Hygiene® (ABIH®) has created a new, high-level organizational umbrella called the Board for Global EHS Credentialing® (BGC®) to more accurately reflect our enhanced credential offerings, which include the Certified Industrial Hygienist® (CIH®), Qualified Environmental Professional® (QEP®), Environmental Professional In-Training® (EPI®), and the Certified Professional Product Steward™ (CPPS™), which is currently in development.





# BOARD FOR GLOBAL EHS CREDENTIALING



## BGC = Board for Global EHS Credentialing

BGC = new large organizational umbrella

ABIH and IPEP are credentialing divisions within BGC

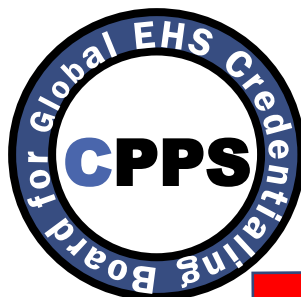




# BOARD FOR GLOBAL EHS CREDENTIALING

American Board of  
Industrial Hygiene

Institute of Professional  
Environmental Practice



NEW!!

# Nothing Has Changed...

1. Your certification/designation is the same
2. We have the same application requirements
3. We have the same exams
4. We have the same recertification requirements
5. We have the same fees
6. We have the same board members
7. All credentials will be self-supporting





[www.ipep.org](http://www.ipep.org)

## EPI – Environmental Professional In-Training

*for graduates and young professionals with up to 7 years experience*

1 Exam: [General Environmental Science](#)

## QEP – Qualified Environmental Professional

*meets application requirements plus 7 years or more experience*

2 Part Exam: [General Environmental Science + Specialty Exam](#)

*QEP Specialty Exams (four choices): Air Quality, Solid & Hazardous Waste, Water Quality, and Environmental Science, Management & Policy*

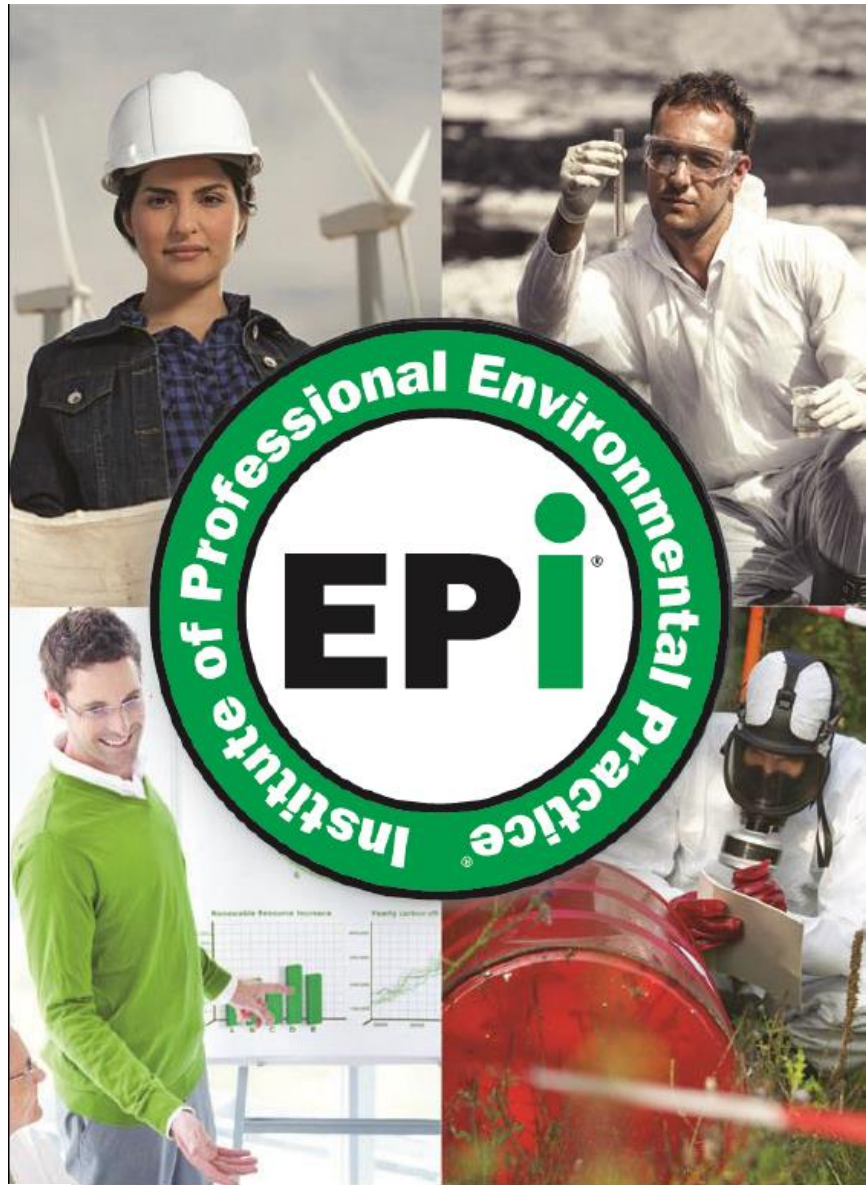




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## EPI Application & Exam

- General Science Content
- 3 References, Hard Science Degree
- Reviewed by Admissions Committee Chair
- Proctored by QEP, computer-based exam
- Multiple choice, 100 questions, 3 hours
- Expires after 7 years



**Protecting the Health  
of Every Environment**

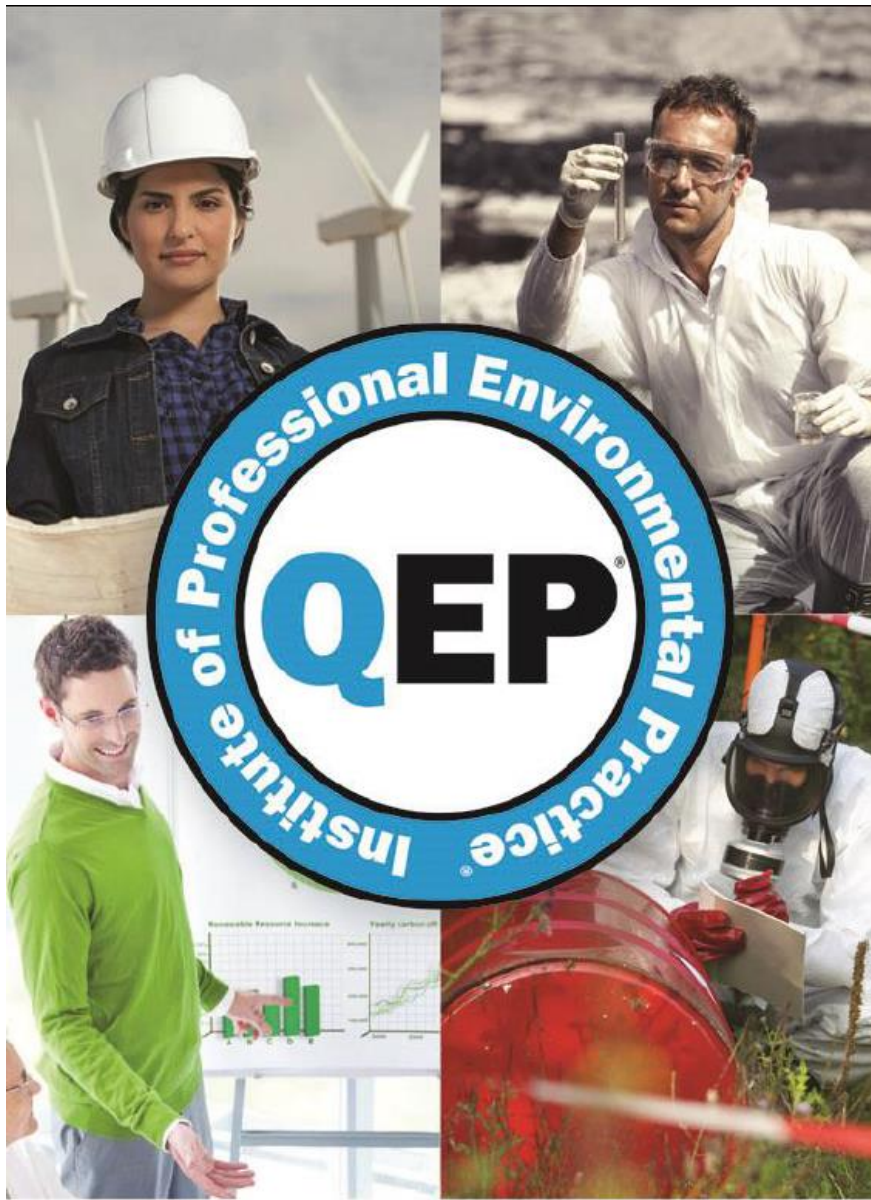
# Body of Knowledge - EPI

	Wt %
Sub-Part A, Basic Sciences	
• <i>Chemistry</i>	7
• <i>Physics</i>	6
• <i>Earth Science/Geology</i>	4
• <i>Ecology</i>	4
• <i>Toxicology and Risk Assessment</i>	4
Sub-Part B, Mathematics	
• <i>Mathematics/Statistics</i>	5
• <i>Data Management</i>	6
• <i>Environmental Economics (Risk &amp; Cost Benefit Analysis)</i>	6
Sub-Part C, Environmental Science, Management & Policy	
• <i>Environmental Quality Standards</i>	5
• <i>Basic Principles of Environmental Systems</i>	5
• <i>Cross-Media Impacts of Pollution</i>	4
• <i>Health &amp; Safety Requirements</i>	4
• <i>Public Information/Community &amp; Regulatory Relations/Ethics</i>	5
Sub-Part D, Waste / Pollution Management, Treatment & Disposal	
• <i>Waste Minimization, Recycling, Reuse</i>	6
• <i>Hazardous Materials/Waste Management and Transport</i>	3
• <i>Fate and Transport of Environmental Contaminants in Air/Water/Soil</i>	5
• <i>Principals of Water, Soil &amp; Solid Waste Treatment &amp; Residuals Disposal</i>	7
• <i>Air Pollution Control</i>	5
Sub-Part E, Monitoring	
• <i>Air Emissions Monitoring &amp; Inventories</i>	5
• <i>Surface &amp; Ground Water Monitoring</i>	4



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## QEP Application & Exam



**Protecting the Health  
of Every Environment**

- Exams Available
  - Air Quality
  - Water Quality
  - Waste Management
  - Environmental Science, Management & Policy
- 3 References, Hard Science Degree
- Reviewed by Committee of QEPs
- Proctored by QEP, computer-based exam
- Multiple choice, 100 questions per exam
- 3 hours per exam
- 5 year CM Cycle

# Body of Knowledge - QEP

- **Environmental Science, Management & Policy**
  - Environmental Impact, Site Assessment, and Risk Assessment Processes
  - Global and Multi-Media Environmental Issues
  - Environmental Management Systems
  - Pollution Prevention, Design for Environment, and Sustainability
  - Development and Implementation of Environmental Public Policy
- **Water**
  - Water Systems- Surface And Groundwater
  - Water Quality Assessment
  - Collection, Treatment and Disposal (Methods and Unit Operations)
  - Protection of the Water Environment
- **Waste**
  - Fundamentals Of Soil And Groundwater Contamination
  - Municipal Solid Waste
  - Hazardous Waste Management
  - Site Remediation Radioactive Waste, Mixed Waste, Medical Waste
  - Treatment And Disposal Facility Siting and Risk Communication
- **Air**
  - Fundamentals Of Air Pollution Meteorology
  - Air Pollution Control
  - Toxic Air Contaminant (Tac) Risk Assessment
  - Ambient Air Quality And Source Sampling And Analysis
  - Atmospheric Chemistry



## What is the purpose of a credentialing body?

- A. To assure sufficient numbers of practitioners
- B. To keep out competitors
- C. To assure the highest practice standards
- D. To protect the public
- E. To perpetuate traditions in the profession
- F. All of the above



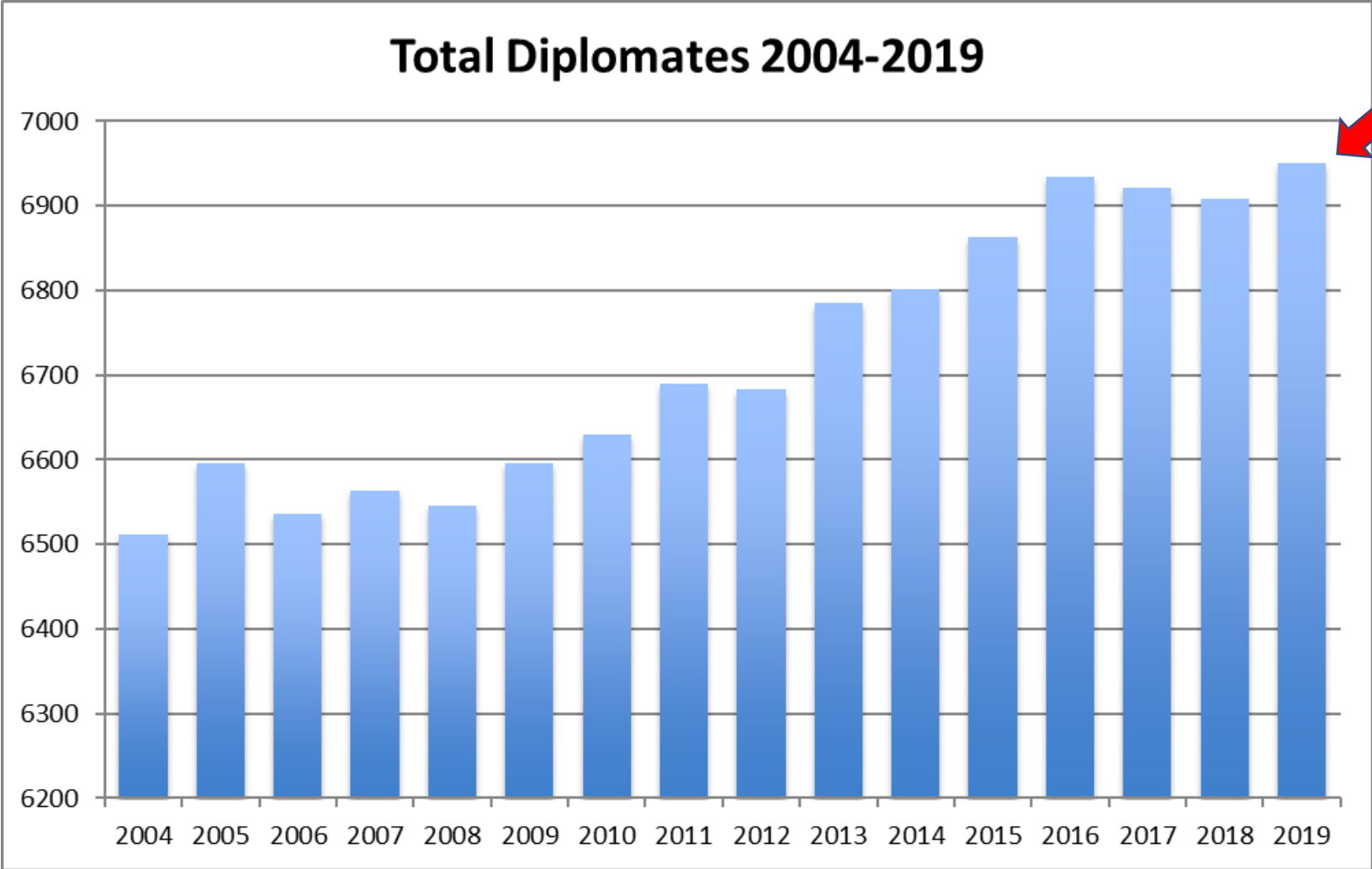
U.S. credentialing bodies are **prohibited** from manipulating the supply of practitioners in the marketplace or making decisions for economic or political purposes.



# Total Diplomates (CIHs and CAIHs)



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6,940

# End of 2019 Statistics

Active CIHs in Good Standing	6,849
Active CIHs with Unpaid Fees	81
Active CAIHs in Good Standing	9
Voluntarily Inactive	1
Total BGC Diplomates in 2019	6,940



# Changes to CIH Numbers in 2019

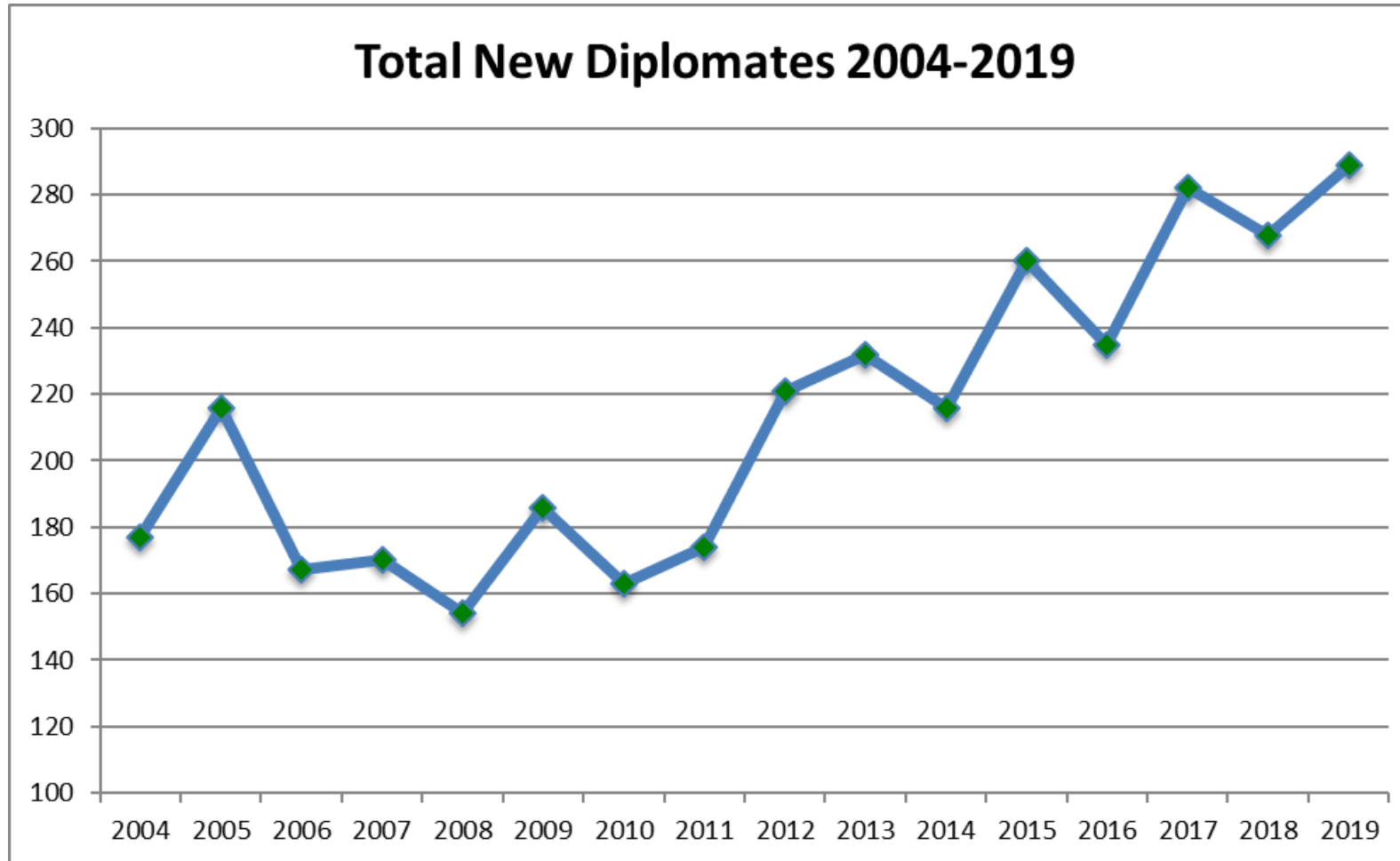
	<b>Examinees</b>
Individuals who passed the exam	299
Past Diplomates reactivating	+1
Current Diplomates recertifying by exam	-11
<b>Total New Diplomates in 2019</b>	<b>+289</b>

	<b>Diplomates</b>
Credential Expired (without notifying BGC)	-47
Deceased	-10
Voluntary Surrender	-190
<b>Total Reduction in Diplomate in 2019</b>	<b>-247</b>

<b>Growth in Diplomate Pool in 2019</b>	<b>+42</b>
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# New CIHs Trending Up

2019: 289  
%Passing: 50.4%



	Examinees	Number Passing	Percent Passing
Spring 2019	315	164	52.1%
Fall 2019	278	135	48.6%
<b>Total for 2019</b>	<b>593</b>	<b>299</b>	<b>50.4%</b>

	Examinees
Individuals who passed the exam	299
Past Diplomates reactivating	+1
Current Diplomates recertifying by exam	-11
<b>Total New Diplomates in 2019</b>	<b>289</b>

# Top 10 States with CIHs in 2019

1. California (783)
2. Texas (435)
3. Ohio (289)
4. Washington (286)
5. Pennsylvania (278)
6. New York (263)
7. Virginia (236)
8. Florida (227)
9. New Jersey (206)  
Maryland (206)





# Top 10 Countries with CIHs in 2019



1. USA and Territories (6,186)
2. Canada (448)
3. China including Taiwan (126)
4. Singapore (37)
5. India (30)
6. Australia (30)
7. South Korea (15)
8. Malaysia (13)
9. Saudi Arabia (8)
10. Taiwan (8)



## ABIH<sup>®</sup> Computer Application and Portfolio System

Need Help? Customer Service: 1-844-808-6276

6/6/2017 6:12pm CST

### Menu

- [Log In](#)
- [Forgot Your Password?](#)
- [New Individual Account](#)

### Portal

**QC Version**  
Not Logged In

## Welcome to the ABIH ABIH

Through this system you can easily and safely apply for your ABIH certification as well as manage your current certification.

- *Complete your online ABIH certification and recertification application*
- *Verify and update your account and contact information*
- *Enter and Track CE and recertification information*
- *Make secure online credit card payments*

If you have registered online with us before, please continue to use your existing login information. Or you can also click the "[Forgot your password?](#)" link and retrieve your login information.

If you have any issues, please contact us! We're available by phone M-F, 8am-4pm Mountain time, toll free at (888)-123-4567, or by email at [info@abih.org](mailto:info@abih.org)

## Login

[Login](#) [Forgot Password?](#)

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### DON'T HAVE AN ACCOUNT?

If you're not an ABIH or you don't have an account, it's easy to create one.

[CREATE AN ACCOUNT](#)

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### NEED HELP LOGGING IN?

If you can't remember your access information, contact our customer service team at [info@abih.org](mailto:info@abih.org) or give us a call at Phone #. We're happy to help.

# Computer Application and Portfolio System (CAPS)

- \*NEW\* Rosters are back online
  - ✓ Update your CIH listing: [www.abih.org](http://www.abih.org)
  - ✓ Privacy settings
  - ✓ “Opt-in” to the public and private rosters
- Apply online
- Certification Maintenance
  - ✓ Online vs. MS Excel...
  - ✓ Upload your documentation (optional)
- Pay your dues

# Upcoming Deadlines

- December 2019 last cycle for “CM worksheet”
  - ✓ MS Excel version
  - ✓ CM cycle deadline: February 1, 2020
- CIH/CAIH 2020 annual renewal fee due:  
January 15, 2020
- CIH application/reapplication deadline:  
February 1, 2020



# Retirement Status

- The BGC Board approved the creation of a designation for CIHs and QEPs who are at the end of their careers.
- The designation cannot be used in place of a CIH or QEP credential for work. However, it will provide an opportunity to acknowledge the contribution of CIH or QEP in good standing toward the protection of the public and the environment, and will allow for on-going engagement with the professional community.
- BGC is working with the software developer to modify CAPS. An email will be sent in the coming weeks, once final details are complete.

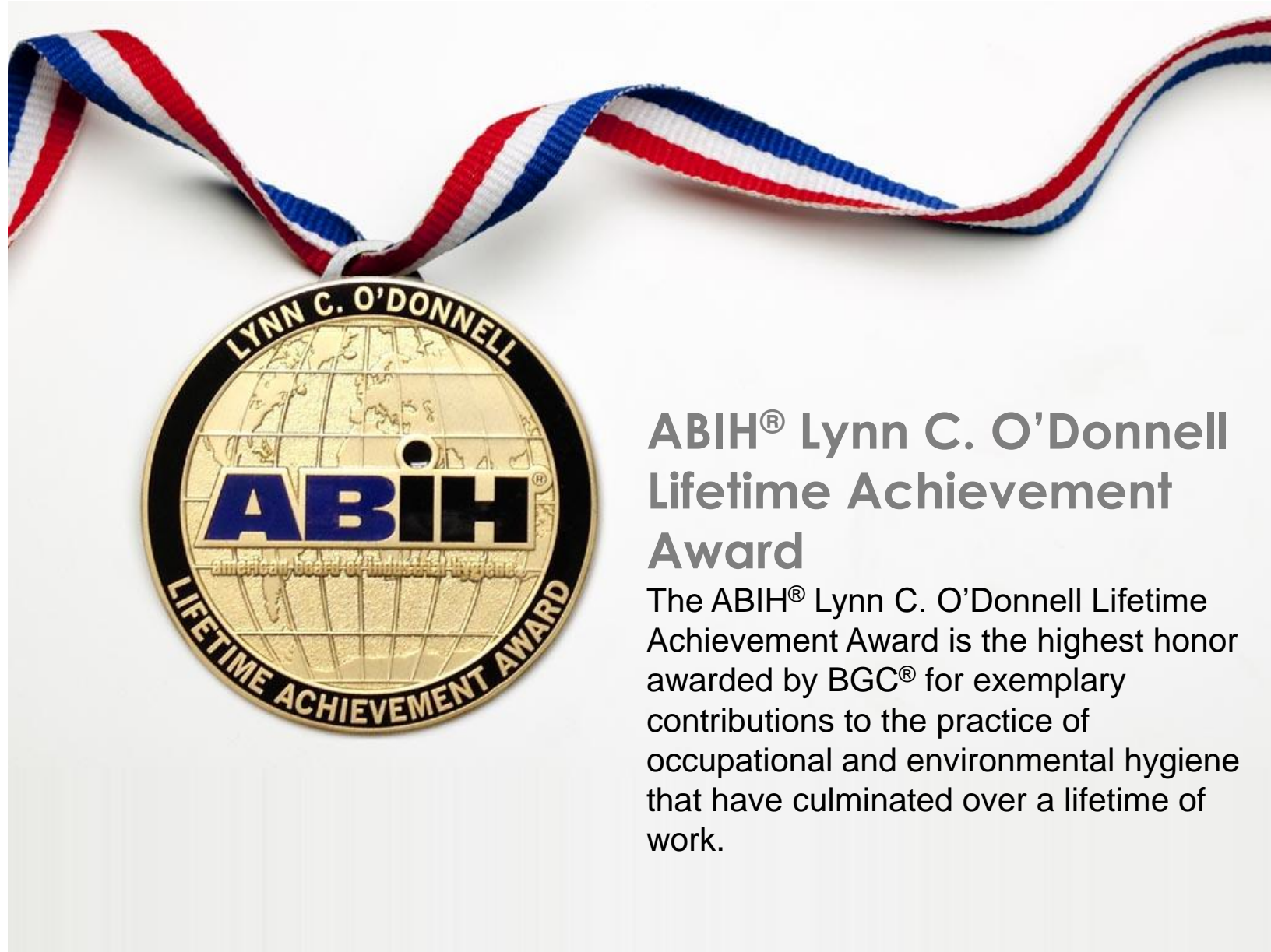


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## ABIH® IMPACT Award

The ABIH® Impact Award is awarded to a Certified Industrial Hygienist® or Certified Associate Industrial Hygienist® who has made a major contribution to the practice of occupational and environmental hygiene.



## ABIH<sup>®</sup> Lynn C. O'Donnell Lifetime Achievement Award

The ABIH<sup>®</sup> Lynn C. O'Donnell Lifetime Achievement Award is the highest honor awarded by BGC<sup>®</sup> for exemplary contributions to the practice of occupational and environmental hygiene that have culminated over a lifetime of work.

# Recognition for New 2019 CIHs





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