

## ICCP Newsletter January 2023



### **Dr. Bradley Jensen, CCP, ICCP President** **President's Message**

In 2022, we saw light at the end of the Covid-19 tunnel and restrictions to travel and in-person conferences. I had the pleasure of visiting Abu Dhabi and signing an agreement with the Government of Abu Dhabi, UAE – Statistics Center (SCAD) to join ICCP's Board. This agreement allows the Statistical Training Institute (STI) to become our representative in the GCC countries (Bahrain, Kuwait, Oman, Saudi Arabia, Qatar, and United Arab Emirates) for training and act as a test center for ICCP Certifications through SCAD



**Africa News:** We have signed agreements with Dr. Bel Raggad to represent ICCP in Africa and later this year we are planning to visit Niger to formalize and provide training and certification in that country. Courses on Business Intelligence and Data Analytics were provided to university students in Tunis and certification examinations for the assistant level were delivered. ICCP was invited to present to a professional society of leading IT companies in Tunis in June 2022 and we plan to be making in-person presentations in Paris in 2023.

**India News:** Harshal Sanghvi has been appointed as "Program Chair – Southeast Asia Region (International Certifications)" reporting directly to Dr. Abhi Pandya – President of the ICCP Education Foundation. His initial focus is India but may broaden out to other areas such as Singapore and the Philippines. ICCP through Harshal has been invited to work with Indian Institute of Technology (IIT) campuses in India on related technology conferences. The IIT's graduate India's best and brightest computer science and information technology people desired by most companies worldwide. In 2022 ICCP with Harshal delivered Python, ML, & AI training to companies in Florida. In 2022 ICCP was invited as "International Advisory Member/ Technical Program Committee Member/ Reviewer" for 9th International Conference on Advanced Computing and Communication Systems (ICACCS 2023) on March 17-18, 2023 in Chennai (Madras), India.

**China News:** ICCP's business partner in China is Big Data International (BDI) which is led by CEO Shuigen Xiao. During Nov 2021 to Dec 2022, BDI recruited Chinese training companies and Cross-Strait Tsinghua Research Institute to become cooperation affiliates and offered online courses to certify "Mastery Level" professionals to teach courses in China to their customers: Online courses and related ICCP examinations that were delivered included the following:

1. Information Systems Core (Karen White)

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2. Business Intelligence & Data Analytics (Bel Raggad)
3. Data Governance and Stewardship (Rania Waseef)
4. Big Data (Riadh Bouhouchi)
5. Blockchain Technical (James Saikin)

BDI and ICCP also delivered many webinars such as the “Symposium on China’s Data Talent Cultivation” and Sports Health Analytics opportunities. Some of the presentations were with Xiamen City and attracted over 40,000 attendees and were streamed over 100,000 times in 10 countries including BRICS countries: Brazil, Russia, India, China and South Africa. Speakers included: Bill Inmon, Blair Kjenner, Kewal Dhariwal, Bradley Jensen, Greg Lane, Peter Aiken, and Robert Seiner.

Translations of the ICCP presentations into Chinese were made and government officials in the various university education and government sports and health agencies attended and presented along with the ICCP presenters.

Translation into Chinese language is underway in the following areas:

1. Information Systems Body of Knowledge
2. Business Intelligence & Data Analytics Body of Knowledge
3. Non-invasive Data Governance
4. The Texture Warehouse
5. Breaking Bad (*habits*) with 3D Enterprise Systems

**South America News:** Pablo Cigluiti (DThink) reports inflation is a huge concern for Argentina – access to US dollars is unacceptably expensive - need a new pricing model. Teaching is being done with the University of Columbia to certify students from their Data Governance program, will request use of ICCP logo for co-branding to go onto the University’s website. BigData and Blockchain online study materials will be made available in conjunction with partners in Chile. Translation for study materials and examinations into Spanish is proceeding. Partners and training of partners across South and Central America is being targeted in 2023 to expand our reach of examinations and training materials.

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**Certified Data Professional (CDP)** in the top 15 most desirable certifications demanded by CIOs (CIO Magazine, fall 2022) and Challenges facing Chief Data Officers (CDOs) in 2023

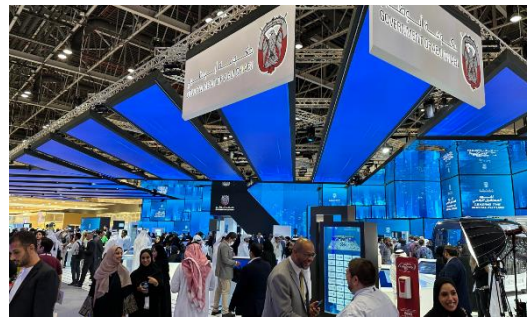
1. CDOs will need to implement effective Data Governance policies and procedures for handling sensitive data and assuring protection of personal privacy of data.
2. Data Integration to provide holistic data views for decision support from verifiable and reliable resources. (For data integration - review Blair Kjenner’s “Breaking Bad (*habits*) with 3D Enterprise Systems” from <https://technicpub.com>) editor Steve Hoberman and contributing author Bill Inmon (father of Data Warehousing). Professors may request a complimentary copy if reviewing for their course(s).
3. Data Security (Cybersecurity); Data Literacy (increasing data analytics with business); Machine Learning and AI (increasing use, complexity and ethical use of data); Increasing Data Regulations (Government and international – especially country based data privacy – China, India, etc.)
4. Data Strategy evolution linking closely to Business Strategy for the organization.

**Chan Beauvais, CCP, CDP, Director of Certification**



During 2022, Chan has been leading the major effort on updating ICCP Examinations two-times a week with other committee members. Updated examinations included: Blockchain, Data Governance and Stewardship, Information Systems Core, Business Intelligence & Data Analytics, Big Data. Chinese versions of the Data Governance examination and performance results were reviewed. A strawman of the Machine Learning and Artificial Intelligence Examination was delivered to the Certification Council and new ML/AI members are being recruited. The most active members of the Certification Council were Dr. Stuart Varden, Dr. Riadh Bouhouchi, David Horvath, Rick Seaman, Rania Waseef, Deborah Henderson, Dr. Bel Raggad & Harshal Sanghvi (FAU). For the past few months Chan, Cindy and Kewal have been working on renewing the ICCP Back Office to streamline operations for our members. John Achilles started assisting with this effort.

**Welcome to new Board member: Rabaa Banyias, Director Statistical Training Institute, SCAD**



[Interview with Ms. Raba'a Baniyas - YouTube](#)

**GITEX Conference – Dubai →**

**Conferences, Events and updates:**

The Edmonton Data Management Conference was sponsored by ICCP and hosted along with DAMA Edmonton. After Covid-19 restrictions, this was the first in-person and online conference with 5 other Canadian DAMA Chapters. The largest number of in-person attendees were in Edmonton, while Calgary, Toronto, Montreal, and Vancouver, Winnipeg chapter had various levels of registrations online and a few in-person attendees. The conference was sponsored by a number of local and national companies: Tantus Solutions, SilverCreek, Intellimedia Inc. (ICCP Board Member), Snowflake, Databricks, Darkhorse Analytics, IBM, ICCP and the host NAIT Polytechnic.

Photos in sequence: Registration desk; NAIT Computer Labs for exams; Bill Inmon & Kewal; Shaw Theater – main presentation location; Kris Andreychuk & Bob Hiew; Speakers and Organizers – dinner; Databricks



Rob Signoreti and Bill Inmon; Tech support for live streaming; Surinder and Tantus - Prizes.

The ICCP-DAMA Edmonton partnership also allows DAMA Edmonton Chapter to offer ICCP Online courses and earn income for each person registered. Remuneration is in the form of \$100 for self study course

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and \$200 for an instructor-led course. This allowed the chapter to quickly move to offer courses in Data Governance, Data Quality, Business Intelligence and Data Management. Some of the experienced chapter directors were the instructors on various ICCP courses. ICCP and DAMA Edmonton are also working with MacEwan university to offer Data Literacy courses as part of a micro-credential. In 2023 ICCP will be hosting at least one conference in Africa and one in the UAE with our business partners.

A new course in “3D Enterprise Architecture” is being written, video tapes prepared and will be available 3rd quarter 2023. Authors are Blair Kjenner and Kewal Dhariwal. It will include the concepts of Generally Accepted Data Management Principles (GADMP™) and Generally Accepted Application Development Principles (GAADP™) as well Enterprise Software Development Body of Knowledge. We are including concepts such as large language models for 3D Enterprise Systems as well as Software Construction as a Service (SCaaS).

#### **Recent Webinars Hosted by ICCP**

- a. Dr. Mahdi Shahbakhti (UofA), Stephen Lindwall (April 2022) Topic: Cooperative Truck Platooning Systems Trial Dr. Mahdi Shahbakhti, & Stephen Lindwall (Tantus Solutions) - Data & Movement Informatics for Collaborative Truck Platooning Systems
- b. Guanjie Shen (DataBricks) June 2022 Title: "Road to Lakehouse: A Brief History of Analytics". Lakehouse is the newest paradigm emerging for modern data analytics architecture.
- c. Eric Dressler, AVP Data & Analytics, AMA (Dec 2022)– Data Strategies at the Alberta Motor Association and increases to customer satisfaction and improving decision making and service offerings.

**[According to the 2022 IT Salary report by Robert Half one of the most valuable certification professionals can hold for 2023 is the CERTIFIED DATA PROFESSIONAL from ICCP so start by taking the courses below \(self study or instructor led\) and move towards the Data World](#)**

#### **Upcoming Courses: (Low cost for ICCP Certified Holders – a member benefit - \$150 off from the self study packages)**

Online 12 module courses instructor-led are starting up again (January, June and September)  
Self study can be purchased at any time.

1. Big Data
2. Blockchain Technical
3. Business Intelligence & Data Analytics
4. Data and Information Quality
5. Data Foundations (Data Literacy)
6. Data Governance and Stewardship
7. Data Management
8. Data Modeling (Data Development)
9. Data Science
10. Data Warehousing
11. Information Systems Core
12. IT/IS Management
13. Systems Development
14. Public Sector Data Governance (B&E, R2C)