

## ICCP Newsletter March 2024



### **Dr. Bradley Jensen, CCP, ICCP President**

#### **President's Message**

2023-2024 the years of Open AI and Generative AI becoming synonymous with productivity, and ethical AI, invasion of privacy, copyright issues and of course original content. Rapidly writing new books, or responses to RFPs or business plans are some of the direct business interests for me particularly. Guiding people on roadmaps for data governance, data management programs, leading teams of data scientists are some of the other areas of interest for me. Having worked with many startups over the years has made me acutely aware of the need for certified IT staff to be working with startup companies as they try to gain a foothold in the emerging markets. Contact me if you have any interests in starting up a company or want guidance on how to avoid pitfalls in your path to success. ICCP is the world's largest and longest serving society of Professional Associations having been founded by ACM, CIPS, DPMA, IEEE and many other professional associations. Your certification is valued by the top employers and over 30% of ICCP holders become senior Analysts, Managers, Directors or VPs of Business, Process, Architecture, Data Engineering, Data Science, Information Systems, Data Management, Big Data and of course digital transformation. We recently released the **Certified AI Professional** examination and encourage you to join us at taking this examination while it is in Beta format. Contact the office to schedule taking this exam for free and pay a nominal member fee for certification. Contact us also if you want a custom course for your organization on AI Planning and Implementation Strategies.

#### **UN General Assembly resolution on AI:**

ICCP - the Society of Professional Associations (<https://www.iccp.org>) supports this UN Resolution on safe AI development efforts. The UN General Assembly on Thursday adopted a landmark resolution on the promotion of "safe, secure and trustworthy" artificial intelligence (AI) systems that will also benefit sustainable development for all.

It provides the same rights online and offline.

#### **China & South East Asia:**

Our partners in China are doing a remarkable job of training in Big Data, Data Governance, Data Science and Blockchain. A recent visit by our Executive Director, Kewal Dhariwal, CBIP, CCP, CDP, I.S.P., ITCP to China included a liaison with China Central TV on a documentary to explore how well private businesses have grown and continue to grow in their markets across China. Kewal also had a chance to meet many private companies to discuss ways that ICCP can assist them in improving their business systems, networking enterprise systems and systems integration, especially data integration, big data analytics and public sector data governance. Most economies grow when their population has jobs and feels positive about the future, he reports "I saw thousands of cranes building high rises and rapidly growing cities, well attended tourism sites and expanding infrastructure." He did see a few abandoned projects, but reports that it was not any different than those seen in Europe, North America, or India, when companies over extend their finances and don't match that with revenue from pre-sales or customer orders.

China's infrastructure has gone through a remarkable change during the past 2-3 decades and he had first hand experience in traveling to multiple cities on their high speed trains traveling over 300km/hour (187miles/hour). A 600 mile trip reduced to just over 2 hours, and business class travel is as good as first class travel on a plane. It is more convenient and shows China's commitment to improving their supply chain, passenger transport, internal tourism and linking the downtowns of their major cities. He noted

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the increasing levels of electric cars and rode in many BYD electric vehicles (SUVs, Sedan, & MiniVan) and that there were more high rises in the City of Shenzhen (13 million population, about 30km (19miles) from Hong Kong) than all of Europe combined.

Of course, the USA and Canada and other Western Countries made the same investment in their infrastructure after WWII, however that infrastructure is now 70-80 years old and overrun by the volume of growth and changing dynamics of population, exporting of jobs, and market changes. China had a chance to learn about the mistakes of western countries and in their new urban development have well thought out lanes for bicycles, electric bikes, and mopeds, plus convenient parking and pedestrian lanes, while allowing cars and trucks to remain separated from slower traffic. Discipline is enforced by a myriad of cameras, facial recognition, and digital transformation using integrated WeChat (QR codes, e-payments, language translations, file and photo sharing) – to be noted he saw very few paper currency transactions.

The UAE has gone through a similar infrastructure and digital transformation, but in his opinion still lacks somewhat in their city and urban planning. Their infrastructure is easily overrun, especially when very large events are held in Dubai and it takes over an hour to find a parking space, while crawling along a six lane highway to exit that highway. Their major project failures, like those in other parts of the world, have been well documented and even the Burj Khalifa shortfall in Dubai was covered by the government of Abu Dhabi. Regardless, like China, it is completely safe and pleasant to wander the streets, stores and tourism spots in the UAE and they have world class facilities. It was sad to see the huge rainfall and flooding in the region, but they are recovering very quickly. On May 1, the UAE will have a major graduation ceremony of individuals who passed ICCP examinations.

India, where Kewal was prior to his China visit needs to up its game and would do well to learn the lessons of China and follow a similar leapfrog over 1<sup>st</sup> world problems of urban and rural planning and how to link major economic zones in cities more efficiently with high speed trains to city centers. Also the need to elevate trains over major junctions to avoid traffic snarls. Digital transformation is occurring in India of course, as witnessed by the establishment of a national digital identity and street food vendors and electric rickshaws using PayTM for e-payments, but cash transactions still rule in India as many avoid paying taxes through this approach. PayTM is facing significant backlash by the Reserve Bank of India as it paid little attention to regulatory requirements and is being punished by the financial oversight requirements committee, moving it from boom to potentially bust. Lastly and unfortunately too much corruption still is the situation in transacting almost any business in India – it needs to urgently to solve those issues. In China it is possible to establish a company in days, in India it can take years.

#### **O\*Net – Department of Labor (Job Skills and Industry Requirements – update)**

**Dear ICCP Colleagues:**

**ICCP as a society of Professional Associations is recognized by the US Government as a strong supporter of keeping current national job titles, skills requirements and industry expectations and standards and supports the O\*Net update program.**

The O\*NET Data Collection Program, which is sponsored by the U.S. Department of Labor, is seeking the input of expert Computer and Information Research Scientists, Computer Programmers, and Computer and Information Systems Managers **employed in the United States**. As the nation's primary and most comprehensive source of occupational data, O\*NET is a free resource for millions of job seekers, employers, veterans, educators, and students at [www.onetonline.org](http://www.onetonline.org).

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You have the opportunity to participate in this important initiative and your participation will help ensure that the complexities of your profession are described accurately in the O\*NET database for the American public.

**O\*NET Description of Computer and Information Research Scientists:** Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.

**O\*NET Description of Computer Programmers:** Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

**O\*NET Description of Computer and Information Systems Managers:** Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.

You are considered an **Occupation Expert** if you meet the following **criteria**:

- Have at least **one year** of practicing experience working in the occupation.
- Have an additional **four years** of combined professional experience practicing, teaching, and/or supervising others who perform in the occupation.
- Are currently actively involved in the occupation (by practicing, teaching, and/or supervising others who perform in the occupation) and based in the United States.

#### **How to Participate**

If you meet these criteria and are interested in participating, please contact Nicole Glass at RTI International, the O\*NET data collection contractor, at [nglass@onet.rti.org](mailto:nglass@onet.rti.org) or 919-865-3440 ext. 108.

Please provide the following:

- First and Last Name
- Daytime Phone Number
- Address with City and State
- Relevant Occupation (*Computer and Information Research Scientists OR Computer Programmers OR Computer and Information Systems Managers*)
- Professional Organization Affiliation: ICCP

#### **Process and Participation Incentive:**

A random sample of experts responding to this request will be invited to complete a set of questionnaires. Experts who are selected and agree to participate will receive **\$40.00 VISA gift code** and an **oak-framed Certificate of Appreciation from the U.S. Department of Labor**.

We encourage you to consider helping to keep information about your profession accurate and current for the benefit of our colleagues and the nation. Thank you for your support.

***If you know anyone within your organization who is also an expert and would be willing to participate, feel free to forward this letter to them.***

[2023 was a huge growth on the data analytics space and demand for ICCP Certified Data Professional, Big Data Professional and AI Professional credentials are expected to grow exponentially.](#)

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**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)

**Upcoming Partner Events:**

1. USA: TDWI Transform – Chicago (Executive Summit Data & Analytics Conference) April 28-May3
2. USA: TDWI Transform – San Diego (Executive Summit Data & Analytics Conference) August 4-9
  - a. <https://tdwi.org>
  - b. Workshops and examinations on certifications in BI, Data Science, AI and Machine Learning (Aug 4-7)
3. Canada: DAMA Edmonton Chapter Meetings: April, May, June
  - a. <https://dama-edmonton.org>
  - b. Annual Conference Oct 23-26 (Certification Workshop & Exams on Oct 26)
4. Canada: BSides Conference
  - a. Edmonton Sept 23-24 (Certification Workshops on AI, ML, Business Intelligence)
  - b. [Home | BSides Edmonton](#)
5. UAE: Statistical Training Institute ([Home - STI-Portal](#))
  - a. Learners Graduation Ceremony (May 1) – Abu Dhabi
  - b. Courses in Data Science, Data Governance, Statistics, Business Analytics
6. Argentina & LATAM: Data Governance Training and Certification
  - a. [Dthink – Data Advising \(dthinkdata.com\)](#)
7. China: Big Data International (BDI) – Contact [shuigenxiao@yahoo.com](mailto:shuigenxiao@yahoo.com)
  - a. Courses in AI, Big Data, Data Governance, Data Science, Information Systems, Computer Science – multiple cities
  - b. Conference (TBA) - Beijing



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