

Morning Session: Tuesday 8:30 - 12:00

Patent Country Coverage and Traditional Patent Information Sources - Session chair:  
Edlyn Simmons

8:30 to 9:00

**Trends in Earliest Patenting Disclosures of Chemistry IP and Occurrence of new chemistry in Worldwide Patent Offices**

by Ms. Jan Williams, Manager, CAS Content Products

and Dr. Matthew J. Toussant, Vice president, Editorial Operations, CAS

**Abstract:**

Since 1907 and the initiation of printed Chemical Abstracts, CAS has analyzed and indexed patent documents with the purpose of identifying for scientists new and novel developments in chemistry and allied sciences, as an indication of emerging intellectual property. In the last 50 years, and especially since the mid-1970s, patenting activity has vastly increased and global strategies for chemistry IP protection have evolved. This presentation will examine where new and novel chemistry has been first reported over the past three decades, and it will look at the role over time of the seven largest patent application processing offices – US Patent and Trademark Office (USPTO), Japan Patent Office (JPO), World Intellectual Property Office (WIPO-PCT), European Patent Office (EPO), German Patent and Trade Mark Office (GPO), French Patent Office (INPI), and the United Kingdom Patent Office (UKPO), as the first sources of new and novel chemistry. Further, trends by office in segments of the chemistry discipline e.g., new small molecule disclosure, consumer-oriented chemistry, electronics-related chemistry, and molecular biology, will be presented. The influence of publication practices and policies of these offices will be reviewed as they relate to changes in the earliest disclosing office for chemistry IP. Finally, a survey of office-of-first-chemistry-disclosure in any of the over 50 worldwide patenting organizations covered in CAS' databases will be examined. Interesting national or regional IP first-disclosure approaches are evident from some offices, suggesting regional expertise or local IP opportunities. Processes used by CAS in patent coverage and indexing will be featured as well.

**Bio:**

Ms. Jan Williams is Manager, CAS Content Products, at Chemical Abstracts Service in Columbus, Ohio. Her responsibilities include the product management of the CAS databases which are delivered through the STN and SciFinder franchises, the files licensed to other online vendors, and the print/CD product line. She joined CAS in 1996 after over twenty-five years with Monsanto Company in St. Louis, Missouri, where she was Manager of the Information Center. She holds a B.S. degree in chemistry from North Carolina State University at Raleigh and an M.S. degree in library science from the University of North Carolina at Chapel Hill. She has participated actively in a number of organizations and is currently a member of the American Chemical Society and Special Libraries Association. She has published in a number of professional journals and has been an invited speaker, both nationally and internationally.

Dr. Matthew Toussant has overseen the Editorial Operations at CAS beginning in 1999. In his current position, Dr. Toussant is responsible for the editorial creation of the CAS databases. He oversees operations of input centers in Tokyo, Japan and Berlin, Germany and contractors worldwide. Dr. Toussant joined CAS in 1980 and previously served in analyst and manager roles in the Marketing area, working in technical support, and Editorial, in biochemistry, physical chemistry, special functions and contracts, and operations direction. Dr. Toussant holds BS, MS and PhD degrees from The Ohio State University where he specialized in food chemistry and nutritional biochemistry.

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