

Below is the list of the 2011 INCITS Award Recipients with a brief summary of their contributions.

Chairman's Award

This is an honorary award presented to one INCITS participant who has provided outstanding service to the INCITS organization through committee work or duties assigned by the INCITS Chair. This individual is selected by the INCITS Chair.

Criteria:

Provided outstanding service to the INCITS organization through committee work or duties assigned by the INCITS Chair; assisted the Chair in the progression of the work of INCITS.

One of the more challenging aspects of being the INCITS EB Chair is getting members and especially leaders of the various ad hocs that accomplish a lot of work between the meetings of the EB. This year's INCITS Chairman's Award recipient has been willing to take on leadership of a number of these ad hoc.

This year's recipient has served as the Chair of the INCITS Ad Hoc on Marketing, INCITS Ad Hoc on Academic Engagement, INCITS Ad Hoc on 2011 Symposium and Awards, and previously the chair of the INCITS Ad Hoc on Learning Technologies (not alive anymore)

This year's recipient is a member of the INCITS EB and served as Vice Chairman of the EB from 2003-2006. He is a member of INCITS M1 on Biometrics and served as M1 Recording Secretary from 2001-2009 and M1 Vice Chairman from 2007-2009.

This year's recipient of the INCITS Chairman's Award is Dr. Stephen Elliot. Dr. Elliott is an Associate Professor and University Faculty Scholar at Purdue University and is an internationally recognized expert in the field of biometrics technology.

Dr. Elliott has been nominated as a U.S. technical expert in biometrics for SC 37 seven times and has served on the past two US delegations to JTC 1. In 2004, he earned the Gene Milligan award alongside several of his fellow M1 officers: "The M1 Officer Team has proved to have exceptional talent with keeping the technical committee on task and focused on the priorities of M1. These exceptional skills are demonstrated in the rapidly developing national and international standards for this important program of work. We would also like to recognize your effective contributions as the US TAG to ISO/IEC JTC 1 SC 37." In 2006, Dr. Elliott was awarded the American National Standards Institute's Next Generation award, which honors an individual who has been engaged in standardization or conformity assessment activities for less than 8 years and who has, during that time, demonstrated vision, leadership, dedication, and significant contributions to the field.

Through his involvement in standards development and engagement in the biometrics community, Dr. Elliott has enabled the Biometric Standards Performance and Assurance (BSPA) Laboratory and Purdue University's biometrics program to grow within the mission of the applied research and learning activities for which the College of Technology is known. Research activities of the laboratory span a number of disciplines and interests across the university community. Under his direction, the lab has enabled students to participate in the testing and evaluation of products that are not yet commercially available, bettering both the students' knowledge and the products' usability.

Dr. Elliott's instructional prowess has been recognized through his nomination by the Department of Industrial Technology faculty for the Outstanding Non-Tenured Faculty Teaching award. In 2004, he

received the Distinguished Graduate Faculty Service award and served as the distinguished keynote speaker for the International Workshop on Biometric Technologies at the University of Calgary. Dr. Elliott was awarded University Faculty Scholar status in 2006-2007. In 2007-2008, Dr. Elliott was awarded the College of Technology, Outstanding Faculty Award.

In his spare time, Dr. Elliott served as the editor of the recently updated JTC 1 Supplement to the ISO/IEC Directives.

INCITS Service Award

This is an honorary award normally presented to no more than four participants who have provided outstanding service to the INCITS organization through committee work or duties.

Criteria: *Provided outstanding service to the INCITS organization through committee work or duties during the past year.*

- **Jim Hatfield**

Mr. Hatfield is Vice-Chair of the ATA Storage Interfaces TC (T13) since 2003 and the chair of the SATA-IO Digital workgroup. T13 and SATA-IO have had a competitive and acrimonious relationship since SATA-IO was organized. One task that occurred every year was the renegotiation of the SATA-IO and ITI (INCITS) copyright agreement.

SATA-IO previously granted INCITS and T13 a limited copyright agreement to include a small number of items in T13 standards, but it had to be renegotiated every time either organization published a new revision. In 2009, Jim began the process of negotiating an agreement that would not have to be renegotiated from scratch every time either organization published a new revision, or split material into multiple documents.

In late 2010, the process was completed and resulted in the added bonus of much friendlier relations between the two groups.

In addition of his many tasks as T13 Vice-Chair and the successful negotiation of a self-renewing copyright agreement between INCITS/T13 and SATA-IO, this award is presented.

- **Dan Benigni**

As Chair of the INCITS Cyber Security TC (CS1) from its inception in 2005, Dan Benigni and is now serving his second term of this office.

Dan has led CS1 to become a well respected US committee and encourages participation by a large number of participants who have never before dealt with international standardization. While CS1 was rapidly growing, Dan was also developing a rhythm and style for meetings and email interaction that provide high productivity for all participants.

Dan's skill in operating the committee and in overseeing the progression of its program of work is apparent by the high percentage of unanimous votes which can range to over 50 positions at a single

meeting. This happens because Dan ensures that all opinions are on the table and incorporated into the positions recommended by CS1. He has demonstrated proficiency in achieving consensus at the national and international standards arenas all while following the INCITS rules and procedures.

Dan is welcoming to all opinions and encourages every participant to provide their input. Members never leave a CS1 meeting muttering that they didn't get the chance to make their point.

[Mr. Benigni is a past recipient of the INCITS Gene Milligan Award for Effective Committee Management, 2009](#)

- **Jim Hughes**

Jim Hughes is the Microsoft representative to the Executive Board, the Procedures Board Committee Chair, and former captain in the US Army field artillery.

Jim is also the Chair of the INCITS Ad Hoc on Tools, INCITS Ad Hoc on Patent Databases, acts as the Head of Delegation to the JTC 1 Special Working Group on Directives, as well as the Chair of the SWG-D Standing Document on Electronic Document Preparation, Distribution and Archiving (EDPDA).

A Senior Standards Strategist in Microsoft's Interoperability Group, Jim also represents Microsoft in Standards Development Organizations such as OASIS and IEEE, providing strategic planning, alliance leadership and representation for standards activities. Jim was approved as a PAS mentor at the last JTC 1 plenary in Belfast.

Jim knows the ins and outs of the International standards process as well as that of consortia.

[Mr. Hughes is a past recipient of the INCITS Chairman's Award, 2009](#)

- **Curtis Stevens**

Curtis Stevens has served as technical editor of many standards, including the ATA8-ACS, ACS-2 and UAS (within INCITS) and of several other specifications in other organizations.

Curtis easily and successfully managed the resolution of several thousand review comments in ATA8-ACS and ACS-2. The process and methodology of comment management has spread, directly because of Curtis, to other groups such as the IEEE 1667, Trusted Computing Group, INCITS/T10 and others. This feat alone has made a significant improvement to an increasing the number of standards. The legacy he has created should be recognized by INCITS.

INCITS Merit Award

This is an honorary award normally presented to no more than four participants who have demonstrated continuous support for the work of INCITS.

Criteria:

*Long-standing (10+ years) member of INCITS and/or INCITS Subgroup;
Made a significant contribution to at least two international SCs or WGs in a technical contributor or leadership role.*

*Demonstrated continuous support for the work goals, principles, policies and procedures of INCITS;
Provided support to the Secretariat in progressing the administrative work of INCITS;*

- **Brad Paulson**

Brad Paulson is two of four Task Groups, B10.8, and B10.11.

Brad Paulson has been involved continuously in card physical characteristics standards development since attending his first meetings in August of 1998 to B10.6 (now B10.11), Physical Characteristics and Test Methods, and the Card Durability Task Force assuming the chairmanship of the Task Force in January of 2000.

Along with his technical contributions, Brad has been the go to person on B10 for all of the administrative tasks and any other activities that come up. The type of support that Brad gives to the organization allows the committee to continue to function at a high degree. He can just pick up the ball and run with it. Brad puts in more time and energy into standards and our work than any person.

In addition, Brad was appointed International Representative of B10.11 in June of 2008, and also serves as the secretary of that group,

Brad was appointed as the International Representative of B10.8 and in July of 2008, gladly took over the secretarial duties of B10.8 in January of 2008,

Brad was also appointed as the International Representative of B10 in November of 2009, as well as secretarial duties of B10 in August of 2009 when no else volunteered to accept those duties.

[Mr. Paulson is a past recipient of the INCITS Gene Milligan Award for Effective Committee Management, 2009](#)

- **Bruce Bargmeyer**

Mr. Bargmeyer was instrumental in the formation of JTC 1/SC 32 and served as its chair for 12+ years from 1998 until he recently stepped down in November 2010. During that time, he led SC 32 in publishing 61 new standards. JTC 1/SC 32 has an active international membership including experts from 26 national bodies.

When JTC 1 underwent reorganization, around 1998, Mr. Bargmeyer used his knowledge and experience to spearhead the creation of SC 32 Data Management and Interchange. Soliciting the SQL community, most importantly INCITS/DM32.2, and other JTC 1/SCs, he helped to form the four SC32 working groups:

- WG 1 – eBusiness
- WG 2 – Metadata
- WG 3 – Database Languages
- WG 4 SQL Multimedia & Application Packages

Mr. Bargmeyer edited several parts of ISO/IEC 11179 - Parts 2 and 4, and he had a large part of the technical input to Parts 1, 3, 5, and 6 as well. His leadership and experience in SC 32 helped identify

data management issues in creating computable semantic descriptions of data, helping to shape the standard into one that is currently recommended by DAMA International as Best Practice in Data Management, and has been adopted by many US Government agencies including NCI, DOE, DOJ, FAA and others. Mr. Bargmeyer has also led the international working group in keeping ISO/IEC 11179 and other standards mainstream.

In 1998, he established the Metadata Open Forum, which has since met annually. The forum's success in supporting SC 32 standardization activities has in part been due to Bruce's perseverance about its co-location with the annual SC 32 Plenary meeting in order to provide ample opportunity for delegates and industry experts to meet and discuss current issues.

In addition Bruce has brought an element of academic rigor to the work of SC32 through his engagement of the Chinese students and scholars at Wuhan University State Key Laboratory for Software Engineering (SKLSE), and through his support of the Metadata Open Forum as a platform for fostering the exchange of ideas -- advancing the understanding of, and the theory and application of, the state of the art in Metadata.

SC32 has been quite productive in publishing standards, projects have stayed on track, and he has been an effective chair. He has weathered many challenges with equanimity, consistency, and pragmatic focus.

INCITS Gene Milligan Award for Effective Committee Management

This is an honorary award normally presented to no more than two INCITS members holding an officer position within an INCITS Subgroup. It recognizes individuals who, as officers, have provided outstanding leadership to the subgroup in its national and/or international work, have demonstrated proficiency in achieving consensus in the national and/or international arenas and have followed the approved procedures in an exemplary fashion.

Criteria:

*Provided leadership to the subgroup in its national and/or international activities;
Demonstrated skill in achieving consensus in the national and/or international arenas.
Followed the approved procedures in an exemplary fashion.*

- **Dan Colegove**

For the effective management of INCITS/T13 during his tenure as Chair and Vice-chair.

Dan has presided over the INCITS ATA Storage Interface Technical Committee (T13) as the Chair since 2003, and as its Vice Chair before that. During this time period, the membership and concerns of T13 have changed dramatically. Companies have merged and shut down.

The devices that T13 deals with started with just hard disk drives, but CD and DVD devices came, solid state drives, nearline, and more device types arrived. New participants joined from other standards and specification organizations to participate in the efforts underway in T13. Organizations such as SATA-IO, INCITS/T10, CFA, Trusted Computing Group and IEEE 1667 saw the value of participating.

Dan has always been able to keep meetings running smoothly and with civility, despite many very heated discussions. Dan continues to very effectively manage the T13 committee and therefore is receiving this award.

INCITS Technical Excellence Award

This is an honorary award normally presented to no more than four participants to recognize their technical contributions and dedication to the technical program of work. This award is presented with the concurrence of the TC officers.

Criteria:

Minimum of 3 years of participation in a TC;

Visible significant technical contributions to the work of the TC, nationally or internationally;

Concurrence of the TC officers.

- Mark Evans

Mark Evans of Western Digital Corporation has been an active member of the SCSI Storage Interface (T10) Technical Committee since he joined in October 1995. Mark was also active on the T13 Technical Committee, where he served as Project Editor on the INCITS 451:2008 (D1700): AT Attachment 8 Architecture Model standard, first edition published in 2005.

Participating with T10, Mark serves as the Project Editor for the SCSI Block Commands - 3 (SBC-3). He has submitted over 70 technical proposals and has authored over 70 reflector email discussions. Mark has been especially active on SCSI power management proposals and in modernizing the wording in both SBC-3 and SPC-4 related to Informational Exceptions reporting, Diagnostic Self-test operation, and Log Page definitions, which had not been updated since SCSI-2 was published in 1994.

Mark has also served as the Vice Chair of T10 since November 2007.

These visible contributions to T10 and T13 definitely qualify Mark for the INCITS Technical Excellence Award.

- Curtis Ballard

Curtis Ballard, of Hewlett Packard Company, has been an active participant on the INCITS SCSI Storage Interfaces (T10) Technical Committee since 2005. During that time he has submitted nearly seventy technical proposals, over forty administrative documents, and over seventy postings to the T10 e-mail reflector list. He has recently become H-P's principal representative for committee activities, and is serving as the project leader for the SCSI Media Changer-3 standard and as the secretary to the Automation/Drive Interface working group.

Curtis has been an active contributor to most of the T10 standards, including the SCSI Primary Commands, SCSI Streaming Commands, SCSI Medium Changer, Automation/Drive Interface, and Fibre Channel Protocol families of standards.

He personally introduced numerous concepts, including automation control of encryption, out of band encryption key management, and TapeAlert enhancements. He has introduced numerous

improvements to volume reporting by tape and media changer devices, which improve usability of these devices.

Curtis is focused on producing useful standards which are of value to the member companies and their customers. He is well-respected by other committee members for his contributions and knowledge.

- **Dean Wallace**

Dean Wallace has demonstrated his committee management skills by serving as Vice-Chairman of the Fibre Channel – Physical Variants (T11.2) Task Group. Dean always serves as a voice of reason which helps facilitate final consensus during complex technical discussions.

In addition, Dean has assumed a leadership role in the definition of the Physical Fibre Channel standards in T11.2. These standards include Fibre Channel-Physical Interfaces (FC-PI-5) and now (FC-PI-6) which respectively define 16 GFC and 32 GFC Fibre Channel.

[Mr. Wallace is a past recipient of the INCITS Team Award for the T11 Officers, 2007](#)

INCITS Exceptional International Leadership Award

This is an honorary award normally presented to no more than two participants for their exceptional leadership of an international committee.

Criteria:

*At least four years of continuous leadership of an international working group or subcommittee;
Tangible results in the form of published International Standards or Technical Reports;
Timely completion of projects;
Chairing of meetings and in which the views of National Bodies and their experts are given due consideration.*

- **Keith Hare**

Keith has participated in INCITS database standardization activities (H2 and its successor DM32.2) since 1989. In addition to his substantial international contributions, Keith has been Vice-Chair for INCITS H2/DM32.2 since 2004.

Since April 2005, Keith has served as Convenor for ISO/IEC JTC 1/SC 32/WG 3 Database Languages. In this capacity, his leadership has been exemplary. Keith runs meetings in an extremely fair and unbiased manner, treating experts from all national bodies attending the meetings with the utmost respect and humility. His leadership style has been responsible for the excellent spirit of cooperation among all the national body experts at every meeting he has chaired, facilitating the efficient and timely development of international database language standards. Keith has also participated as a member of US Delegations to ISO/IEC JTC 1/SC 32/WG 3 (Database Languages) and ISO/IEC JTC 1/SC 32/WG 4 (SQL Multimedia and Application Packages) for all of the international meetings held since April 2005.

Keith clearly meets all the criteria for the INCITS Award for Exceptional International Leadership. In particular:

- Completing his second 3 year term as convenor of ISO/IEC JTC 1/SC 32/WG 3, Keith has exceeded the required four years of continuous leadership of an international working group.
- Under Keith's leadership, a major revision of all 9 parts of ISO/IEC 9075-*: 2008 (Database Language - SQL, Parts 1, 2, 3, 4, 9, 10, 11, 13, and 14), were published successfully in 2008. A further revision of 5 of those parts SQL Parts 1, 2, 4, 11, and 14, are expected to happen in late 2011. SQL is the predominant database language standard, responsible for a multi-billion dollar global database software and associated applications and tools software industry. Keith's leadership has been instrumental in getting revisions of this standard published in a timely fashion.
- Under Keith's leadership an international Technical Report, ISO/IEC TR 19075: XQuery Regular Expression Support in SQL, was published in 2010.
- In addition to serving as Convenor for all ISO/IEC JTC 1/SC 32/WG 3 meetings held since April 2005, Keith has also chaired all the CD, and FCD Comment Resolution meetings for all the parts of ISO/IEC 9075 standard as they were being progressed.

Keith has proven himself exceptionally effective leader in both domestic and international database standardization activities, constantly working to find consensus among all parties to facilitate the advancement of the global database software industry.

[Mr. Hare is a past recipient of the INCITS Team Award for the H2 SQL/XML Team, 2007](#)

- **Fernando Podio**

Significant progress has been made in the development of international biometric standards in the last eight years through continuous and accelerated work of a significant number of technical experts and qualified Subcommittee officers. This success is due in large part, to Mr. Podio's exceptional leadership chairing SC 37 since its first meeting held in December 2002 and exemplary skill in achieving consensus among delegates of the National Bodies participating in SC 37's work.

Mr. Podio's extensive experience in voluntary international consensus standards development, his management approach on promoting a Subcommittee cooperative environment and his dedicated adherence to the JTC 1 Directives qualify him for this award.

Mr. Podio, with the help of a very efficient management team that includes the SC 37 Subcommittee Secretariat and the Working Group officers, has guided SC 37 to complete the first generation of biometric data interchange formats, technical interfaces and performance testing methodology standards and the subcommittee is well advanced in completing the second generation of biometric data interchange formats.

It is important to highlight the relevance that biometric international standards have in supporting national and international users' verification and identification programs. Over the past several years, the marketplace for biometrics solutions has widened significantly and includes public and

private sector applications worldwide. Homeland security is the highest priority for many countries. Currently, biometric technologies are increasingly being required in multiple public and private sector applications worldwide to authenticate a person's identity, secure national borders and restrict access to secure sites including buildings and computer networks.

Many of the international standards developed by SC 37 have been adopted by large international organizations such as the International Civil Aviation Organization (ICAO) for machine-assisted identity confirmation in Machine Readable Travel Documents (MRTD). Many countries such as Spain (national IDs), India (Unique Identifier program which plans to enroll up to 1 Billion people) and the US have also adopted and require conformance to a number of the international standards developed by SC 37. Through US and international usage, the standards developed by SC 37 now benefit tens of millions of people worldwide.

In addition to successfully managing biometric international standards activities, Mr. Podio also participates in related activities within JTC 1 such as the JTC 1 Special Working Group on Planning where he has contributed to their work since its inception on behalf of SC 37.

Mr. Podio is a past recipient of the INCITS Gene Milligan Award for Effective Committee Management, 2003, and the INCITS Team Award, 2003

INCITS Lifetime Achievement Award

This is an honorary award presented to no more than one INCITS participant annually who has demonstrated a career-long commitment to INCITS and its national and international standardization activities.

Criteria:

Long-standing member of INCITS and/or INCITS Subgroup; Demonstrated continuous and outstandingly effective support for the development of ANSI standards; and meeting two or more of the following requirements:

Long-standing (10+ years) participation in INCITS as an officer of an INCITS board, TC, or TG;

Long standing participation (10+ years) in INCITS as a technical editor or key contributor;

Recipient of two or more INCITS awards;

Long-standing participation (10+ years) in international standards development.

- **Michael Hogan**

Mr. Michael D. Hogan, of the National Institute of Standards and Technology, personifies the attributes of extended and effective commitment associated with the award. While his support of INCITS (and NCITS and X3 before it) stands at 24 years, his contributions to information technology standardization extend another further 15 years back to the 1970s and the beginning of his career at NIST. Starting with Mr. Hogan's current service as a member of the Executive Board of INCITS, and his instrumental leadership role in the development of the *INCITS RD-2 Organization and Procedures* document that defines the procedures that INCITS committees operate under today, his innumerable contributions are highlighted as follows.

Executive Board

1987-Present

InterNational Committee for Information Technology Standards (INCITS)
(Formerly X3 and NCITS)

- Secretariat Management Committee (SMC) 1988-1992
- Standards Planning and Requirements Committee (SPARC) 1988-1992
- Operational Management Committee (OMC) 1993-1998
- Policy and Procedures Committee (PPC) 1993-2002

U.S. Technical Advisory Group to ISO/IEC JTC 1 on Information Technology (JTC 1 TAG)

- JTC 1 TAG Advisory Committee, Vice Chairman 1988-1992
- JTC 1 TAG Procedures Group 1992-1996

In addition, Mr. Hogan has also served as a member of policy making organizations and boards such as the ANSI Information Systems Standards Board (ISSB, 1988-2002), the North American Interoperability Policy Council (1993-1997), the ANSI Information Infrastructure Standards Panel (IISP, 1994-1998), the Accredited Standards Committee T1 Telecommunications (1988-1993), and the ANSI Information Technology Consultative Committee (ITCC, 1994-1995, 1997-1998).

Within the U. S. Government, Mr. Hogan leads the adoption of biometric standards via his chairmanship of Standards and Conformity Assessment Working Group under the White House's National Science Technology Council Subcommittee on Biometrics and Identity Management (2007 – Present). These, and other standards management positions within the U.S. government and other standards organizations, have allowed Mr. Hogan to promote U.S. IT standards and to coordinate efforts among national and international standards bodies.

Mr. Hogan has served for 24 years supporting INCITS both on the Executive Board and on its subcommittee as an officer of an INCITS board, technical committee or task group

- 2005-2005, Convenor Technical Committee for Cyber Security, INCITS CS1
- 2003-2009, Chairman Task Group on Profiles for Biometric Applications INCITS M1.4

During the 1980s, Mr Hogan was the manager of the Computer Storage Media (CSM) group at NIST (then NBS) and his group participated heavily in the development of X3 standards. Mr Hogan and his group led testing and conformity assessment efforts to support those standards. This group, the most experienced and active group in the world at that time, was the world-wide sole source for Standard Reference Materials (SRM) demanded by Government and industry. In addition, from 1989-1991 Mr. Hogan served in various Expert roles on the X3T5 Technical Committee on Open Systems Interconnection.

Mr Hogan has served in the following roles:

- 1979-1989, U.S. Head of Delegation and International Representative to ISO/IEC JTC 1 Subcommittee 11 / ISO TC97 on Flexible Magnetic Media for Digital Data Interchange
- 2003 – Present, Convener, Working Group 4 on Biometric Functional Architecture and Related Profiles ISO/IEC JTC 1/SC 37 on Biometrics
- 2004, 2010, Head of U.S. Delegation and International Representative to ISO/IEC JTC 1 Subcommittee 37 on Biometrics, Acting for C. Tilton.

Mr. Hogan is a past recipient of the NCITS Chairman’s Award, 2001, the X3 Service Award, 1993, and the X3 Merit Award, 1994.

In addition, Mr. Hogan is the recipient of the 2003 ANSI Edward Lohse Information Technology Award
