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## NCFMTC 2007 Presenters

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### **Myra Agree**

Office of Space and Facilities Planning  
Vanderbilt University Medical Center

#### **"Play Ball! Using Technology and a Common Language to Build a Team"**

Myra, a member of the VUMC space management team, has been employed for 28 years in the Office of Space & Facilities Planning at the Vanderbilt University Medical Center. The responsibilities of this office include the planning and project management of new medical center buildings, along with the renovation of current medical center buildings. Myra assisted in the development of the first space inventory conducted from the Office of Space and Facilities Planning 23 years ago. She uses FM:System's products to track over nine million net sq feet of space.

Along with the efforts of the Office of Contract & Grant Accounting and the Office of Finance, the space management team is instrumental in the acquisition of the financing received from federal grants to help in the continuation of medical research. Myra has a Bachelor of Arts degree in English and Secondary Education from Belmont University, Nashville, Tennessee.

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**Tim Anderson**

Computerized Facilities Integration

#### **"Accurate Space Inventory: Essential for Effective Campus Master Planning "**

Tim Anderson is Vice President, Computerized Facility Integration for Higher Education and Healthcare Industries. Tim has more than 20 years' experience helping clients implement solutions that deliver results. Mr. Anderson has spoken at many industry events including, APPA, SCUP, NACUBO, CORENET, and Tradeline.



**David Barnas**  
Senior Physical Space Administrator  
Facilities Planning & Design  
SUNY Buffalo

**"The Business of Systems"**

David is the Senior Physical Space Administrator, Facilities Planning & Design - University at Buffalo. He has been with the University 7+ years managing the space inventory system. He has a Masters degree in Geography and has developed database and programming skills over the course of his career, which includes SQL and VBA for Access. During that time, he has implemented two CAD-linked database systems. The current system tracks 35,000+ space records and is linked to nearly 800 AutoCAD floor plans. As a data custodian, David manages the collection of space data via a biannual space inventory update through an on-line web survey application, verifies data accuracy, field verifies changes in room geometry due to renovations, organizes and analyzes data for space planning efforts, and provides standard and ad hoc reports for local, state, and federal reporting needs.

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**Diane Behling**  
Educational Facility Planner  
Capital Planning and Space Management  
University of California, Santa Cruz

**"Implementation and Benefits of a Web-Based, Campus Facilities Space Accounting and Capital Planning Software System"**

Diane Behling has a professional background in facilities management in the private corporate sector (software development in Silicon Valley). She has been a member of the Capital Planning and Space Management team at UCSC for 5 years and had direct responsibility for the campus-wide rollout of the new facilities inventory system.

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**Robert Boes**  
Campus Planning and Design  
Massachusetts Institute of Technology

**"The Business of Systems"**

Bob Boes has roughly 30 years of experience managing, marketing, and using computer applications used to address space-related business issues, including inventory databases, CAD, CAFM, real estate systems, and others. Bob became increasingly interested in the space planning, design, and management issues the applications were applied to. He established and managed consulting practices in commercial and non-profit organizations that did implementation and integration planning, analysis of research space, benchmark studies of planning standards and procedures, and policy development for space planning, allocation, and management. Though many clients were postsecondary schools, clients also included hospitals, commercial organizations, and governmental agencies.

He currently works in the Campus Planning and Design division of MIT's Department of Facilities, and is an end-user of MIT's Space Management System (SMS). He is a member of SCUP. One day in 2006, he wasn't paying attention and found he had become the Conference Director of NCFMTC 2007.

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**Charles E. Bowler**  
Manager of Facilities Infrastructure Drawings  
University of Maryland, College Park

**"Interactive Wheelchair Access Maps"**

Charles E. Bowler is a graduate of the University of Maryland and is a registered professional Civil Engineer. He has 30 plus years of experience in transportation planning, traffic engineering, and highway design. He has worked with AutoCAD for 20 years, and for the last 10 years has been Manager of Facilities Infrastructure Drawings at the University of Maryland in College Park.

He is a member of NCFMTC steering committee and was conference director for the 2003 conference at the University of Maryland. In addition to the responsibility for mapping of infrastructure and utilities, he has worked within the planning section on supporting the Autocad requirements for the University's master plan development and various planning projects.

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**Jay Bry**  
Assistant Vice President of Administration  
Fitchburg State College

**"The Use of BIM for the Study, Space Programming, and Early Design of the New Fitchburg State Science Building"**

Jay Bry is the Assistant Vice President for Administration at Fitchburg State College in Fitchburg, Mass. Bry joined Fitchburg State in 1999 as Associate/Assistant Dean of Students/Director of Campus Living, and began his current position in March 2004.

Bry earned a bachelor of science degree in landscape architecture and a master's of science in management from Purdue University. He has more than 16 years of experience in various aspects of college administration, and has also worked in positions at Georgia College & State University in Milledgeville, Ga.; and Purdue University in West Lafayette, Ind. At Fitchburg State, Bry provides leadership and direction for the college's Administrative Services, which includes seven departments: Capital Planning, Maintenance, Student Housing, dining, the campus bookstore, childcare and parking services. He oversees an operating budget of more than \$13 million and a capital construction budget of more than \$15 million.

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**Luciana Burdi, PhD**  
Program Manager  
Division of Capital Asset Management and Maintenance  
Commonwealth of Massachusetts

**"The Use of BIM for the Study, Space Programming, and Early Design of the New Fitchburg State Science Building"**

Educated as an architect and planner, Luciana Burdi is currently a Program Manager at the Division of Capital Asset Management and Maintenance for the Commonwealth of Massachusetts. In addition to managing projects, she heads the DCAM-BIM initiative by trying to implement the use of Building Information Models for projects with estimated construction costs greater than \$10 mil. In addition she co-chairs the BSA (Boston Society of Architects) BIM Round-table.

She was Project Manager and Team Leader for the Center of Design Informatics (CDI) at Harvard, where she lead the MetroPortals.org Consortium, a web portal to a unique online consortium for urban design, government management and planning. Her goal was to engage representatives from all groups affected by unique urban situation, and propose interaction in the new and definitive formulation, revision, or implementation of final solutions.

Her teaching experience range from been an Adjunct Professor at the Taubman College of Architecture and Urban Planning at the University of Michigan, and an Executive Education Instructor at Harvard Graduate School of Design. Her research focused on how Informative Computer Technologies can be used to promote a more collaborative and co-operative design process, for Urban Designers, Decision-Makers, and final users. She was utilising new communicative technologies, methodologies and graphical solutions to solve the most important collaborative issues and to facilitate the integration of required documentation with the desirable visual-representations.

She received her Doctorate from Harvard Graduate School of Design. Prior she was a SPURS Fellow (Special Program in Urban and Regional Studies) at MIT, working on planning approaches in USA and Europe regarding the "suburbs" of the modern cities. She holds a Master's Degree from the Istituto Universitario di Architettura in Venice Italy



**Marty Chabot**  
Vice President, Marketing  
FM:Systems

**"Play Ball! Using Technology and a Common Language to Build a Team"**

As VP of Marketing, Marty helps FM:Systems better understand the needs of its markets and find new customers. Primary roles include working with others on the management team to set the strategic direction for the company, helping align product direction with market needs, and communicating the company's value to customers, prospects and partners.

Responsibilities include conducting market and facility management research, generating and developing new opportunities, working with industry analysts, and developing benchmarking programs.

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**Paul Cleveland**  
Senior GIS Applications Expert  
Avatech Solutions

**"Interactive Wheelchair Access Maps"**

Paul provides pre- and post-sales technical assistance and project management to clients. He has over 10 years of direct training in CAD and GIS-related software products and Web-based programs. Paul develops and teaches custom courses specific to clients needs relating to mapping, facilities management, and GIS, and serves as GIS Consultant for several cities in the Dallas/Fort Worth area.

Paul was also a member of the team that developed the application known as Aerial Laser Terrain Mapping (ALTM) or LIDAR. He has also implemented various GIS projects that include data collection and conversion for state and local governments as well as commercial accounts. Autodesk Certified Instructor for AutoCAD, Autodesk Map, and Autodesk MapGuide.

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**Montgomery Combs**  
Director of Systems and Services  
Facilities Management Department  
Brown University

**“he Sixty-Month Tune-Up”**

As Director of Systems and Services in the Facilities Management Department at Brown University, Monty Combs oversees the areas of GIS/CAD, Plan Room, Survey Control, Utilities Management, Information Technology (IT), Web Site, and the project management of Brown's Computerized Maintenance Management System (CMMS) FAMIS.

Monty joined Brown's Facilities Management Department four years ago and previously served as the GIS/CAD Manager. Projects completed include establishing a campus wide Survey Control Network, management of the FAMIS space module, and the leadership of the department's web site redesign and deployment.

Monty has worked in the Architectural Engineering Construction industry for twenty-two years in roles of CAD Manager, Systems Administrator, and Director of IT. He holds degrees in Architectural Engineering and Computer Science. Monty has previously presented at the NCFMTC.

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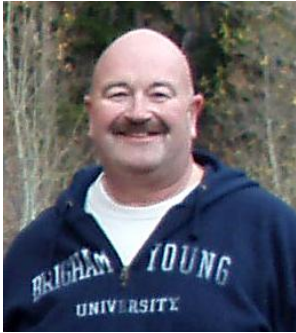


**Paul Cote**  
Graduate School of Design  
Harvard University

**"Integrating BIM and GIS: The Road Ahead"**

Paul Cote is a Lecturer in Urban Planning and Design and Landscape Architecture at the Harvard University Graduate School of Design, as well as being in charge of the school's infrastructure for spatial analysis and archiving of city models gathered and created for studio projects. Since June 2006 Paul has been the Architect of the Open Geospatial Consortium's testbed for bridging the worlds Building Information Models and Geographic Information Systems. Paul Cote is also Principal of Planetable Technology Company.

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**Clyne Curtis**  
CAD Database Manager  
Brigham Young University

**"BIM to FM in 10: Brigham Young University's Integration of Revit and FMDesktop"**

Clyne Curtis has been the CAD database manager at Brigham Young University for the past 8 years where he assists the Planning and Space Management Departments in maintaining an accurate gross square footage of campus. He has been a Revit instructor/trainer for 3+ years and is in the process of converting BYU's AutoCAD-based building database to Revit. Clyne is currently the president of the Northern Utah Revit Users Group (NURUG) and a proponent of using Revit for facilities management.

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**Kreon Cyros**  
President & CEO  
The INSITE Consortium, Inc.

**"Space Inventory Techniques"**

Kreon Cyros is a graduate of the Massachusetts Institute of Technology where he received the degrees of Bachelor of Science in Civil Engineering in 1956 and a Master of Science in 1962 concentrated in the Sloan School of Management. From 1966 to 1970, he pioneered the development of computer-aided facilities management software by designing and implementing the INSITE™ asset management information system for MIT. In 1973, he was asked to establish the MIT-sponsored Consortium for sharing both the INSITE™ technology and the expertise for its effective use. Consortium members represent academic, health care, and government institutions from North America, Europe, and the Pacific Rim.

In 1976, Mr. Cyros was appointed Director of the newly founded MIT Office of Facilities Management Systems (OFMS). His responsibilities included the use of the INSITE™ system to manage MIT's 10 million gross square feet of space and to maximize MIT's indirect cost recovery activities for the sponsored research use of its physical assets. OFMS was also tasked with the continued development of the INSITE™ suite of systems and support of the MIT-founded Consortium of INSITE™ users. In 1996, he was named President and CEO of a nonprofit Consortium doing business as INSITE, to further the dissemination and development of the INSITE™ system. The INSITE Consortium continues to be active under his direction, with headquarters in Peabody MA and a European office in the United Kingdom.

Mr. Cyros began teaching facilities management courses in 1973 for the MIT Summer Session Program, and in 1981 he established an MIT Summer Session course for senior facilities executives. From 1984 to 1996, he developed and managed an international facilities management conference at MIT, reflecting the Institute's educational and global commitments.

Internationally acknowledged for his major contributions to the FM field, Mr. Cyros founded the International Society of Facilities Executives (ISFE) on behalf of MIT in 1989. ISFE, an organization fostering global exchanges of facilities management information and ideas among senior managers, remained active through 2004 with Mr. Cyros as Chairman. He has a long history as a keynote speaker at international events in North America, Europe, and Asia, sharing his perspective on the ever-changing world of facilities management.

Kreon Cyros has been active in a number of activities including MIT's program "Facilities Management for the Japanese Professional" as co-director; founding director of Cambridge Facilities Technology, an international consulting firm; Standing Committee member of the Building Owners and Managers Institute (BOMI); and Advisory Council member of Michigan State University's graduate program in facilities management. He currently serves on the Board of Directors of a Massachusetts cooperative bank with nearly \$200 million in assets and is Chairman of their EDP and Audit committees. In 1991-1992, he was Subcommittee Chair of the Working Group for the building and area definitions in the 1992 Facilities Inventory and Classifications Manual (FICM) published by the National Center for Educational Statistics (NCES) in Washington DC. In 1995, he was appointed by NCES as National Chair of the Working Group to produce a new FICM for the U.S. Government. He was asked by the NCES Project Director to continue as their industry expert until the draft 2006 FICM editing process is completed.



**Diane Davis**  
Chair, Scoping Group  
National Building Information Model Standards Committee

### **Back To School With BIM**

As a designer, construction supervisor, and design-process consultant, Dianne Davis has worked since 1989 on design integration and information management. Both her designs and scholarly works have been published during her career.

AEC Infosystems has gained national recognition for its many ground breaking projects in Building Information Modeling, CAD/GIS integration, design automation, and lifecycle information use.

Davis is currently Chair of the National BIM Standards Scoping Committee, a consultant to the US Coast Guard on their Shore Facility Capital Asset Management (Roadmap), and a member of the McGraw-Hill Interoperability Council, and a participant on the international IAI Interoperability Council. Davis is a past nominee for the AEC SYSTEMS Ed Forrest Award for service to the construction industry.

For three years her company has had a leadership role in the USCG Roadmap for Integrated Decision Making team. This is the national change management initiative outlining the organizational, cultural, educational, and technological changes needed to maximize design automation, facility management and stewardship information in the USCG.

Her clients include: The Army Corps of Engineers, the Army Research Lab Facilities Information Infrastructure Group, NIST, NSW, The CAD/GIS Technology Center, DHS, The Smithsonian, Secret Service, and numerous design and construction firms.





**Matt Davis**  
Regional Manager  
ESRI Boston

**"Basic GIS Modeling: Improving Campus Maintenance, Management, and Planning"**

Mr. Davis has 19 years of experience in the GIS, Mapping, and Remote Sensing field with 14 years working for ESRI. At ESRI Mr. Davis has held a number of positions including product manager and marketing and sales representative to the US DoD for installations and the environment including a year in Japan working with the US Forces in the Far East. Mr. Davis has a B.S. degree in Mechanical Engineering, University of New Hampshire

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**Chris Dizon**  
Google

**Google SketchUp Modeling and Campus Visualization**

Chris Dizon has been part of the SketchUp Sales team since 2004 and is currently the Western Regional Sales Manager for Google SketchUp Pro. His SketchUp focus of interest is in the GIS and City Planning markets. Outside the office, Chris spends his time running, biking, enjoying the fruits of the Colorado front range and playing with his daughter, Dylan, age 10 months.

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**Michael Flaxman, PhD**  
Professor of Urban Planning and Operations Research  
Head, Urban Information Systems Group  
Massachusetts Institute of Technology

Dr. Michael Flaxman is an assistant professor in the Urban Information Systems Group of MIT's Department of Planning. His primary research interest is in the use of spatial simulation modeling in the planning and design of cities and regions. He is particularly interested in the development of tools for stakeholder-based planning which present evaluative models in context using visual

simulation. He has practiced GIS-based planning in 14 countries, including one year as a Fulbright fellow in Canada.

Dr. Flaxman previously served as Industry Manager for Design at Environmental Systems Research Incorporated (ESRI), the world's largest maker of geographic information systems (GIS). Prior to joining ESRI, Michael was a Lecturer in Landscape Planning at Harvard's Graduate School of Design. Michael received his Doctorate in Design from Harvard in 2001, and holds a Masters in Community and Regional Planning from the University of Oregon, and a Bachelor's in Biology from Reed College.

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**Jon French**  
CBT/Childs Bertman Tseckares, Inc

**"The Use of BIM for the Study, Space Programming, and Early Design of the New Fitchburg State Science Building"**

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**Rich Grady**  
President  
Applied Geographics

**"Data Security: What Is Sensitive?"**

Richard K. Grady is President of Applied Geographics, Inc. (AppGeo) and serves on the Principal Management Team. He provides project planning and management direction on major projects, particularly in the areas of strategic and business planning for GIS, and the application of GIS for homeland security, critical infrastructure protection, and facility management. He is directly involved in the implementation of geospatial data standards and new technology,

Previously, Mr. Grady was a Vice President at LaserData Corporation, a software developer for document imaging and workflow management tools. Prior to LaserData, Mr. Grady served in successive positions at Intergraph Corporation, including Director of Environmental Programs for the Federal Systems Division, Executive Manager of Mapping and Energy Products, and Applications Manager for Mapping. Mr. Grady earned an MBA from Suffolk University in Boston and received his BS *cum laude* in Resource Economics from University of Massachusetts,

Amherst. He has served as a member of the Federal Geographic Data Committee's (FGDC) Facilities Working Group, Chairman of the Committee on Homeland Security for the Environmental Business Council (EBC) of New England, and participates in the Homeland Infrastructure Foundation Level Database (HIFLD) Working Group.

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**Joshua Friedman**  
Consultant  
Green Mountain GeoGraphics

**"Using Sketchup and ArcGIS to Map and Manage Buildings"**

Josh Friedman has been involved with GIS for the past 7 years. After graduating from Middlebury College with a B.A. in geography, he joined Green Mountain GeoGraphics, Ltd. (GMGG) in early 2001. His main focus in recent years has been working with municipalities and private entities to develop 3D GIS databases as a means of providing citizens and decision makers with new tools to aid in the planning process.

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**Richard Green, FAIA**  
Director, Sciences Group  
CBT/Childs Bertman Tseckares, Inc

**"The Use of BIM for the Study, Space Programming, and Early Design of the New Fitchburg State Science Building"**

Richard J. Green, FAIA is currently Director, Sciences Group for CBT/Childs Bertman Tseckares, Inc. a 200 person architectural, planning, and interior design firm located in Boston, Massachusetts. From 1968 until his retirement in December, 2003, Richard served as a Designer and Senior Designer for The Stubbins Associates, Inc. an internationally recognized architecture, planning, and interior design firm. For 20 of his 35 ½ years with this firm, he also served as President and/or Chairman of the Board of Directors. During his tenure at The Stubbins Associates, Mr. Green was a member of the design team for Citicorp Center, a 1.7 million-square-foot internationally acclaimed urban mixed-use project in New York City. He was also responsible for the design of the award winning 1.4 million-square-foot Treasury Building in Singapore which was the tallest building in Asia for a brief time. Richard also collaborated with Captain Jacques Cousteau in the design of the unrealized Cousteau Ocean Center in Norfolk, Virginia. In addition, Richard has designed major facilities located throughout the United States and in Iran, Kuwait, Mexico, and China. Elected in design to the College of Fellows of the

American Institute of Architects in 1993, Mr. Green's work has appeared in major national and international publications including *Progressive Architecture*, *Architectural Record* and *Architecture*. He has lectured at Harvard, Princeton, The University of Southern California, Arizona State University, the National University of Mexico and numerous other institutions.

Mr. Green received his Bachelor of Architecture (with Honors) from North Carolina State University in 1968 and was a Loeb Fellow in Advanced Environmental Studies at Harvard University in 1978-79. His recent science projects include facilities at Fitchburg State College, St. Lawrence University, Carleton College, University Center at Rochester, MN, the University of Minnesota, Morris, the University of Chicago, Northern Michigan University, North Carolina State University, the University of Michigan-Dearborn, Duke University, and the University of Louisville. Mr. Green has taught at the Boston Architectural Center, North Carolina State University, and California State Polytechnic University, Pomona, and he is currently Adjunct Professor of Architecture in the University of Hawaii Architecture Doctorate program.

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**Michael Guidry**  
Associate Vice President  
Facilities Services  
Tulane University Health Sciences Center

**"Mitigation and rebuilding After a Natural Disaster (Katrina)"**

Michael Guidry has been with Tulane University for nineteen years, serving as a Contracting Officer and the Director of Facilities Services. He is currently the Associate Vice President of Facilities Services and Operations. He is a licensed general contractor in the State of Louisiana and the qualifying party for Tulane's General Contractor License. He is Vice President of the Louisiana Association of Higher Education Physical Plant Administrators, a member of the Association of Facility Engineers, and a past board member of the Louisiana Home Builders Association.

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**Brian Haines**  
Product Marketing Manager  
Facilities management Solutions  
Autodesk

**"BIM to FM in 10: Brigham Young University's Integration of Revit and FMDesktop"**

Brian Haines is the Product Marketing Manager for facilities management software solutions at Autodesk. Before joining Autodesk Brian was the Product Manager for Bricsnet's Building|Center

IWMS solution used by several fortune 1000 companies to manage corporate real-estate portfolios. Before entering the software world Brian spent 5 years as a CAD manager and Management Analyst in the office of Space Planning and Management at the University of Arizona. Brian holds a Bachelors of Architecture degree from the University of Arizona and is currently a member of SCUP.

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**Steve Hanes**

Sr. Business Solutions Consultant  
FAMIS Software, Inc.

**"The Sixty-Month Tune-UP"**

Steve Hanes has been working with Facilities Management data and drawings since 1987, when he was employed by US Sprint to help create and maintain a database of their fiber implementation progress in the Southeast U.S. He has been utilizing AutoCAD since version 2.6. He spent 13 years with ACAD-Plus providing facilities-related CAD and data services to dozens of clients. From 2002 to 2006, Steve was a professional Services Consultant for FAMIS Software, Inc. During a 6 month sabbatical from FAMIS, he oversaw the Space database, drawings, and Space Survey for UT - M.D. Anderson Cancer Center. Steve returned to FAMIS in late 2006 in his current role of Sr. Business Solutions consultant. He has helped clients implement facilities management solutions in the higher-ed, health care, warehousing, government, retail, and manufacturing sectors.

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**Maureen Jennings**

Archivist/Librarian  
Property Information Resource Center  
Harvard University

**"Now That We have It, How Do We Keep Track of It? A Model for Managing Construction and Building Records at Harvard University"**

Maureen Jennings is the Archivist/Librarian at Harvard University's Property Information Resource Center (PIRC), a repository of building and construction materials affiliated with the University Planning Office. She received her M.L.I.S. with a concentration in Archives Management from Simmons College in Boston. Prior to coming to the PIRC, Maureen worked in library technical services at Johns Hopkins University and Harvard University, and was the Office Manager in the department of Architecture at Harvard's Graduate School of Design.

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**Margaret P. Kinnaman**

Director, Business Administration and Support Services  
Facilities Management Division  
University of Maryland, Baltimore

**"Telling Your Story Using APPA's Facilities Performance Indicators"**

Margaret P. Kinnaman is currently the Director for Business Administration and Support Services within the Facilities Management Division at the University of Maryland, Baltimore. Ms. Kinnaman is responsible for the financial tracking and budgeting for over \$30 million dollars annually and the provision of construction project accounting for over 400 projects annually. Ms. Kinnaman has taken the lead on numerous campus-wide special projects; to including creating a campus-wide space management system and chairing a System-wide Capital Renewal Deferred Maintenance Task Force.

Maggie has been active in the Association for Higher Education Facilities Officers (APPA) at all levels for the past twenty six years, most recently serving as APPA's International President. She was Chair of APPA's Strategic Assessment Model (SAM) Task Force, Co-Chair of the Center for Facilities Research and the At Large member to the Information and Research Committee. Additionally, Ms. Kinnaman teaches at the Institute and the Professional Leadership Academy and has contributed numerous articles to APPA's Facilities Manager Magazine as well as a contributing author to numerous APPA publications. Ms. Kinnaman has presented to audiences all over the United States, Australia and the United Kingdom.



**Allyson McDuffie**

Google SketchUp Education Program  
Coordinator  
Google

**"The Google Model Your campus Contest"**

Allyson McDuffie has been part of the SketchUp for Education team since the department's inception in 2004. Since Google's acquisition of @Last Software in 2006, she has been primarily involved with Education Program Development. Allyson was the project manager for Google's recent Build Your Campus in 3D Competition for higher education students in North America. Her education and interests include an MFA in printmaking, collecting art, traveling, Indian food, motorcycles, and raising a future standup comedian, her daughter, Avery, age 6.

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**Sean D. Myers**  
GIS Project manager  
CDM

**“Implementing GIS: How Do I Know If I Was Successful?”**

Mr. Myers is a geographic information systems (GIS) professional with 15 years of experience designing and implementing GIS projects. He has helped implement GIS systems for various government and private sector clients including the US Department of Defense, the US Corps of Engineers, several International Airport Authorities, numerous local governments, and select private and public water utilities.

Mr. Myers is co-author of the book titled “GIS Implementation for Water and Wastewater Treatment Facilities” published by the Water Environment Federation. He regularly makes presentations on how GIS is used for facility and utility maintenance and is currently managing two key projects for CDM including the Enterprise GIS System Implementations for the Logan International Airport in East Boston, MA and the Raleigh-Durham Airport in Raleigh, North Carolina.

Mr. Myers holds a Bachelors and Masters degree in Environmental Science from the College of Environmental Science and Forestry at Syracuse University and the University of New Hampshire. He is a GIS Project Manager for CDM and also serves as the company’s GIS Technical Discipline Leader, helping facilitate the exchange of GIS information and knowledge to other CDM staff members including engineers, architects, planners, water resource specialists, and environmental scientists.

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**Jim Nelson**  
Director of Planning Resources  
University Planning Office  
Harvard University

**"Building a Campus Data Model from Scratch"**

Jim is the Director of Planning Resources in Harvard’s University Planning Office. The Planning Resources group is responsible for managing the University’s geographic information system and construction drawings and provides technical and analytical support services to planning and design projects. Jim started working at Harvard in 1998 as the manager of CAD and GIS Services after getting a Masters in Spatial Information Engineering at the University of Maine, Orono. This is Jim’s third time attending the conference, the first time in 1999. It has been interesting to see how GIS has become a more prominent topic and tool over that timeframe.



**Annie Newman**  
Senior Associate  
SBRA

**"Accurate Space Inventory: Essential for Effective Campus Master Planning"**

As a Senior Associate in the Planning Group at Shepley Bulfinch, Annie has worked on comprehensive campus master plans for Xavier University, Cincinnati, OH, Bucknell University, Lewisburg, PA, Emory & Henry College, Emory, VA, Fayetteville State University, Fayetteville, NC, Medical College of Georgia, Augusta, GA, and for healthcare and industrial research campuses. A psychologist by training, Annie learned the ropes of campus space management at MIT. She also has been a campus planner at University at Buffalo, State University of New York, and the University of Rhode Island.

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**Katherine O'Brien**  
GIS Coordinator  
University of North Carolina at Chapel Hill

**"A Campus-wide Geodatabase: The Bricks and Mortar of a University GIS"**

Katherine O'Brien is the GIS-Coordinator at the University of North Carolina at Chapel Hill for Facilities Planning and Construction. She has held that position since March 2003. Before joining UNC she was the GIS Coordinator in NC State's Transportation Department. Katherine holds an undergraduate degree from the University of North Carolina Charlotte and a Master of Public Administration with a concentration in Earth Science from North Carolina Central University. Her GIS course work was completed at NC State University. Katherine cheers for all ACC teams during the NCAA Basketball Championships.

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**Kimon Onuma, AIA,**  
Principal  
Onuma, Inc.

### **Back To School With BIM**

Kimon Onuma has a unique perspective that spans architecture, planning, programming software development. Onuma authored chapter six of the AIA book, "The 21st Century Architect - Integrated and Interoperable," for the 2006 AIA Conference on Integrated Practice.

Onuma was one of the first firms to use BIM on large scale US government facilities in 1994, which led to the creation of the Onuma Planning System™ (OPS), a web enabled tool that allows users to work in BIM and GIS with simple interfaces.

OPSTM was used by the US Coast Guard for the Sector Planning System which streamlined the design process of 35 sector Command Centers to six months. Five companies: Autodesk Architectural Desktop, Autodesk Revit, Bentley, Graphisoft and OPSTM garnered a spot in the first version of the GSA BIM Guide. OPSTM is the only architectural firm represented in this GSA BIM Guide.

OPSTM was demonstrated in December 2006 as a web feature service, using Open Geospatial Consortium standards, linking the BIM and GIS world and incorporating GSA attributes. OPSTM received two BIM Awards in 2007 from the AIA National TAP, and also recently received the 2007 CETI Award from Fiatch along with Intel and GSA.

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**Michael Parkin**  
Manager, Drawing Information Systems  
Campus Planning and Design  
Massachusetts Institute of Technology

### **"Inside Out: Leveraging GIS to Analyze Space Data"**

Michael Parkin is the manager of MIT's Drawing Information Systems in the Department of Facilities. With over 14 years of professional GIS experience, he has developed spatial information systems in both public and private sectors. His previous work experience includes working for municipalities, GIS consulting firms, and a large GIS software company.

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**John M. Przybyla, PE, GISP**  
Vice President  
Woolpert

**“Implementing GIS: How Do I Know If I Was Successful?”**

John Przybyla is a project Director for Woolpert in Dayton Ohio. Mr. Przybyla holds a BS in Civil Engineering and an MS in Sanitary Engineering, both from Michigan State University. He is a registered as a Professional Engineer in four states and a Certified GIS Professional. Mr. Przybyla has more than 20 years' experience in using GIS and information technology to solve engineering and business problems, both for the private sector and for government. He has published or presented over 20 papers in the subjects of business process re-engineering, GIS development, database management, network design and management, and systems integration.

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**Jim Pugh**  
GIS Project Manager  
Evans, Mechwart, Hambleton & Tilton, Inc

**"GPS - A Primer"**

Jim Pugh is a GIS Project Manager for Evans, Mechwart, Hambleton & Tilton, Inc., (EMH&T) and a 17-year veteran of the digital mapping industry. Through the years, Jim has worked on large and small projects that have taken him to dozens of countries on five continents. Jim is a certified Geographic Information Systems Professional (GISP), conferred by the GIS Certification Institute ([www.gisci.org](http://www.gisci.org))

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**Jeannie Rice**  
Director, Facilities Information Systems  
Campus Planning and Construction  
Vanderbilt University

**“Implementing GIS: How Do I Know If I Was Successful?”**

Jeannie Rice has more than thirty years of experience developing and managing facilities information service functions for postsecondary institutions. These functions include space accounting databases, floor plans, campus mapping, utilities, and construction document libraries, and are based on computer applications which include CAD, CAFM, GIS, database, document management, and other systems.

As the manager of Vanderbilt’s Facilities Information Services, Jeannie is responsible for the accuracy, ongoing operation and distribution of space accounting data and floor plans for 250 buildings, and supports 75 online data users across the campus. Ms. Rice implemented and manages the Vanderbilt campus GIS system including base map, utilities, property, art, trees, and emergency plans. She supports 85 online users of mapping information.

Jeannie also manages Vanderbilt’s Construction library, which includes 500,000 plan drawings and 800,000 construction documents. In addition to managing and distributing the data from this extremely active library, she and her staff also do research and analysis of the archives for construction, legal, and planning issues.



**William Reilly**  
Technology Project Manager  
MIT Libraries

**"FACADE: Future-proofing Architectural Computer Aided Design: MIT Libraries CAD and BIM Preservation Research Project"**

William Reilly works in the MIT Libraries' Digital Library Research Group (DLRG), where he is Technology Project Manager on the FACADE project. He recently completed another two-year project, to automate the archiving of MIT's OpenCourseWare (OCW) to MIT's digital archive system, DSpace. After taking his M.L.I.S. from the University of California at Berkeley, William's career has been in electronic publishing, software development, and web technology consulting for Fortune 500 companies, prior to this current position in academic digital library research.

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**Eric Rothgarn**  
Technical Project Manager  
Office of Resource Management and Planning  
University of California, Davis

**“Implementation and Benefits of a Web-Based, Campus Facilities Space Accounting and Capital Planning Software System”**

Eric Rothgarn has worked at the UC Davis campus for 25 years with experience in the analysis of business systems, integration of new technologies, and transition project management.

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**Stuart Rich**  
Principal and GIS Practice Manager  
Penobscot Bay Media

**"Developing a GIS Data Model Standard for Interior Spaces"**

Stuart Rich is a principal and GIS practice manager of Penobscot Bay Media, LLC. With over twenty years experience in software application development, Mr. Rich has been involved with GIS systems architecture design and application development for a wide variety of clients including State information agencies, the US Air Force, the US Navy and the World Bank. Specific interior space management related projects include the development of a facility tool for Langley Air Force Base and the deployment of a floor space portal for the New York City Department of Public Health. Mr. Rich is an expert in GIS systems architecture design and has given numerous presentations at the ESRI User's Conference, the Northeast Arc Users Group and the US Air Force JSEM conference.

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**Glenn Seehausen**  
President and CEO  
Acad Plus, Inc.

**"Lessons Learned While Implementing Document Management"**

Glenn is the founder and CEO of ACAD-Plus, Inc., a firm specializing in Electronic Data/Document Management (EDM) and Computer Aided Facilities Management (CAFM) solutions since 1986. Under his direction, ACAD-Plus developed CAFM software solutions and performed implementations for customers totaling more than 400 million square feet, Glenn has designed and implemented EDM solutions in the facilities environment with a specific focus on universities. His customers use this solution to manage millions of CAD drawings, scanned images, and related documents. He is a returning NCFMTC speaker, presenting at his first conference in 1999.

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**Christopher Sokolowski**  
Associate Paper Conservator  
Northeast Document Conservation Center  
Andover, MA

**"Preservation Issues of Drawings and Other Documents"**

Christopher Sokolowski is Associate Conservator at the Northeast Document Conservation Center in Andover, Massachusetts. His primary activity is the conservation treatment of works of art and historic documents on paper including maps, architectural drawings, and plans. Mr. Sokolowski holds an M.A. in Art Conservation from Winterthur/University of Delaware, and has completed internships at the Metropolitan Museum of Art, the Musée du Louvre, Paris, and the Bibliothèque Nationale de France, Paris.

The Northeast Document Conservation Center is a nonprofit, regional conservation center specializing in the preservation of paper-based materials. NEDCC serves libraries, archives, museums, historical societies, and other collections-holding institutions, as well as private collectors and corporations. NEDCC provides paper and book conservation services, imaging services, surveys and consultations, workshops and conferences, preservation resources, and disaster assistance. For more information, please visit our website at [www.nedcc.org](http://www.nedcc.org).

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**Peter Sutton**  
Senior product Line manager  
Pitman Charrette

**“Trends In Wide-Format Printers and Scanners:  
The Transition From Flat files To Servers”**

Mr. Sutton is a Senior Product Manager with the Pitman Company (formally Charrette). Pitman/Charrette is the country's largest independent provider of imaging products to the graphics, corporate and technical design marketplaces. For the last 5 years Mr. Sutton has been responsible for the Technical Design marketplace (Architectural, Engineering & Construction) working with vendors such as Xerox, Hewlett Packard, Canon, Océ, KIP and Contex. Prior to Pitman/Charrette he worked as a field engineer for Savage/Alert, a Design Build firm specializing in Universities and Hospitals. Mr. Sutton has a Bachelors degree in Mechanical Engineering from the University of Rhode Island and an MBA from the University of Connecticut.

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**Sheila Sykes**  
Vice President for Finance and Administration  
Fitchburg State College

**"The Use of BIM for the Study, Space Programming, and Early Design of the New Fitchburg State Science Building"**

Sheila R. Sykes has served in a variety of leadership capacities in public higher education for over 20 years and currently serves as the Vice President for Administration and Finance at Fitchburg State College. Prior to her position at Fitchburg State College, she worked at Quinsigamond Community College, most recently as their Interim President and, prior to that, as their Vice President of Administrative Services..

Sheila earned a Certificate of Advanced Graduate Study from the University of Massachusetts in educational policy, research, and administration and earned her earlier Masters and Bachelors Degrees in Education from the Massachusetts College of Liberal Arts.

During Sheila's tenure in public higher education in Massachusetts, she has worked on a variety of capital planning and construction projects on three different campuses, to include having the oversight responsibility for the construction and opening of a 56,000 square foot state of the art learning resources center.

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**Seth Teller, PhD**

Computer Science and Artificial Intelligence Laboratory  
Electrical Engineering and Computer Science Department  
Massachusetts Institute of Technology

**"Fine-Grained Semantic Indoor Maps, Situational Awareness, and Applications"**

Prof. Teller co-heads the Robotics, Vision, and Sensor Networks group (RVSN) in CSAIL, where he and his colleagues and students develop new methods for representing and capturing geometric, topological, and semantic environment models for use by robots and humans, and methods for robust, accurate 6-DOF localization within such models. He has been a PI, Co-PI, or Co-I on numerous NSF and DARPA awards. Teller's recent research efforts include: capturing a three-dimensional model of the entire MIT campus, inside and out; effectively localizing within such a model using only a monocular vision (omnivideo) sensor; sensor network localization methods that operate autonomously, and with human assistance (to provide mobility); and web-based infrastructure and applications for in situ interaction with location-based data.

Teller obtained a Ph.D. from U.C. Berkeley in 1992, developing methods for computational geometric "compilation" and visibility analysis of complex architectural environments, now widely used in commercial video games. After post-doctoral research at the Computer Science Institute of the Hebrew University of Jerusalem Institute of Computer Science, and Princeton University's Computer Science Department, he joined MIT's Electrical Engineering and Computer Sciences Department, and MIT's Lab for Computer Science and Artificial Intelligence Lab in 1994. He founded the graphics group in 1994, and subsequently switched research interests to machine vision, sensor networks and robotics.

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**William R. Tibbs, Jr.**

Campus Planner  
Brown University

In addition to specific assigned projects, Mr. Tibbs' planning responsibilities at Brown include planning process coordination, strategic planning support, and space management analysis, process, and decision support. He is an active member of The Society for College and University Planning (SCUP), currently serving as a member of the North Atlantic Regional Council. He also

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served on the Society's national Board of Directors (2001-2005), as Chair of the Society's Facilities Academy (1993-1997), and is a recipient of the Society's 2000 Distinguished Service Award.

He is a frequent speaker on facilities planning and space management tools and techniques at major conferences throughout the United States. He also helped develop, and served as faculty for, SCUP's very popular series of Space Management Workshops. Mr. Tibbs holds Bachelors and Masters degrees in Architecture from the Massachusetts Institute of Technology.

Mr. Tibbs' professional activities include membership on the Cambridge, Massachusetts Planning Board and former membership on the National Science Foundation Science Facility Advisory Panel.