

**Carl M. Burnett**  
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## **PROFESSIONAL EXPERIENCE**

**Faculty Associate** **2007 to Present**  
**Montgomery Community College, Rockville, MD**

### **Senior Faculty Associate for Information Technology Institute (ITI)**

Teaching concentrations include: Microsoft Applications - Word, Excel, Power BI, PowerPoint, Access, Outlook, Project, SharePoint Services. Internet technologies: HTML5, CSS3, JavaScript, jQuery, XML, JSON, AJAX, Responsive Web Design (RWD), Web Development Integrated Development Environments (IDEs), ASP, WordPress. Social Media Applications: LinkedIn, Twitter, YouTube, IDE competencies include: Visual Studio, WebMatrix2, Dreamweaver CC, and various CMS systems. Computer programming language competencies include JavaScript, SQL, PHP, C++, VB, IPL, Prolog, LISP, SAS.

### **Senior Faculty Associate for Lifelong Learning Institute (LLI)**

Teaching concentrations include: Knowing Technology Series: Knowing Technology I - Your Devices, Networks, Internet of Things (IoT), Knowing Technology II - Your Cloud Computing Services, Knowing Technology III - Your Digital Security and Privacy, Knowing Technology IV - Your SmartHome - AI in Your Home, Knowing Technology V - Your SmartCity - AI in Your City. Brain Fitness: The Science of Brain Fitness – Neuroplasticity, Math Exercises, Mnemonics, Puzzles, Music and Dance, and Gaming.

**Practitioner Faculty** **2005 to 2012**  
**Johns Hopkins University Carey Business School, Baltimore, MD**

Part-time practitioner faculty for undergraduate and graduate information technology programs in the Johns Hopkins University Carey Business School. Graduate and undergraduate teaching concentrations include Information Systems (design, development, implementation, maintenance, and analysis); E-Commerce; Project Management; Internet Multimedia; Computer Program Design. Graduate program teaching concentrations include Information Security Architecture and Assurance; E-Commerce Security.

**Associate,** **2003 to 2004**  
**Booz Allen Hamilton Inc., McLean, VA**

### **Staff Associate for Principal Deputy Assistant Secretary of the Army (PDASA)**

Personal staff associate for concepts and analysis of personnel programs directed by the PDASA. Concepts and analysis included Medical Holdover program for combat disabled soldiers injured during Operation Enduring Freedom (Afghanistan) and Operation Iraqi Freedom.

### **Program Manager for U.S. Army Combat Related Special Compensation Program -**

Project Manager for establishment and operations of \$10 M U.S. Army Combat Related Special Compensation (CRSC) program. Program office included 6 Military, 22 Booz Allen Associates, 2 ASE professional staff and 40 Kelly Professional staff. Included design,

development, implementation, and maintenance of \$3.5 million enterprise information management system for operations center. Congressionally mandated program that compensates U.S. Army retired personnel who have direct combat related disabilities. Project Manager for expanded Combat Related Special Compensation (CRSC) for all disability rating levels (450,000 eligible U.S. Army retirees). Developed approved program budget authority for FY 2005 U.S. Army CRSC program budget of \$22 M.

**U.S. Army, Corps of Engineers  
Chief Warrant Officer**

**1973 to 1994**

- Detachment Commander, Hawaii
- Warrant Officer Program Manager, Pentagon
- Information Systems Manager, Pentagon
- Instructional Systems Designer, Ft. Belvoir, VA
- Hospital Maintenance Officer, Federal Republic of Germany
- Electrical Power Distribution System Specialist, Ft. Belvoir, VA
- Nuclear Power Plant System Specialist, Ft. Belvoir, VA

**EDUCATION**

**Masters of Science, Information and Telecommunication Systems** **2003**  
Johns Hopkins University, Baltimore, MD

**Bachelors of Science – Information Systems** **2002**  
Johns Hopkins University, Baltimore, MD

**Associates of Science** **1977**  
Excelsior College, Albany, NY

**PATENTS**

Burnett January 20, 2004

**United States Patent - 6,681,231 - Integrated Information Processing System for Geospatial Media (GMIPS)**

Burnett September 12, 2006

**United States Patent – 7,107,286 - Geocode® and Geospatial Media Recorder (GMR)**

**NATIONAL & INTERNATIONAL STANDARDS**

Internet Engineering Task Force (IETF)

**RFC 6225: Dynamic Host Configuration Protocol (DHCP) Option for Coordinate-Based Location Configuration Information (LCI)**

Geospatial Coordinate Metadata Representation Standard Essential Patent (SEP)

Society of Motion Picture and Television Engineers (SMPTE)

**SMPTE Standard 330:2011 - Unique Material Identifier (UMID) - August 23, 2011**

Geospatial Coordinate Metadata Representation Standard Essential Patent (SEP)

**MILITARY TRAINING**

<b>Emergency Managers Operations Course (FEMA Certification)</b>	<b>1993</b>
US Army Corps of Engineers, Fort Shafter, Hawaii	
<b>Warrant Officer Advanced Course</b>	<b>1982</b>
U.S. Army Ordinance School Aberdeen Proving Grounds, Maryland	
<b>Motor Officers Course</b>	<b>1980</b>
Sixth Army, Vilsek Army Training Center U.S. Army, Federal Republic of Germany	
<b>Facilities Engineer Management Course Honor Graduate</b>	<b>1979</b>
US Army Engineer School Fort Belvoir, Virginia	
<b>Nuclear Power Plant Operations and Maintenance Course Certification – Third Class Nuclear Reactor Operator (Electrical)</b>	<b>1976</b>
US Army, Nuclear Power Plant School Fort Belvoir, Virginia	
<b>Instructional Systems Design and Development</b>	<b>1973</b>
US Army Engineer School Fort Belvoir, Virginia	
<b>Instructors Course</b>	<b>1973</b>
US Army Engineer School Fort Belvoir, Virginia	
<b>Turbine Power Generation Systems Course Distinguished Military Graduate</b>	<b>1973</b>
US Army Engineer School Fort Belvoir, Virginia	
<b>Power Generation (Precise Power) Course Distinguished Military Graduate</b>	<b>1973</b>
US Army Engineer School Fort Belvoir, Virginia	
<b>Gas Engine Power Generation Course Distinguished Military Graduate</b>	<b>1973</b>
US Army Engineer School Fort Belvoir, Virginia	

**PROFESSIONAL MEMBERSHIPS**

US Army Warrant Officers Association (USAWOA) **1976 to Present**

**ACADEMIC HONORS & AWARDS**

**Alpha Iota Mu – International Honor Society for Information Management 2002**

**Golden Key International Honor Society 2001**

**Alpha Sigma Lambda National Honor Society 1999**

*References available upon request.*