CENTER FOR FINANCIAL FORENSICS
AND INFORMATION SECURITY (CFFIS)

A PROPOSAL

Submitted by

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Professor, Accounting Department

Marie A. Wright, Ph.D., CHS-III
Professor, Management Information Systems Department

Michael O. Foley, M.P.A., Ph.D.
Associate Professor and Chair, Division of Justice and Law Administration

Anthony G. Markert, M.B.A., Ph.D., CPA
Assistant Professor, Division of Justice and Law Administration

September 1, 2004
# TABLE OF CONTENTS

A. PURPOSE AND BACKGROUND ............................................. 2
B. OBJECTIVES OF PROPOSED CENTER .................................. 3
C. PERIOD COVERED AND EVALUATION REPORTING ................. 4
D. DIRECTOR’S OFFICE AND EXECUTIVE COMMITTEE ............. 4
E. CENTER ADVISORY BOARD ............................................. 5
F. CENTER RESOURCE REQUIREMENTS ................................. 5
G. POSSIBLE CERTIFICATE PROGRAMS ............................... 6
H. AFFILIATION WITH PROFESSIONAL ORGANIZATIONS .......... 6
I. CURRICULA VITAE ....................................................... 7
J. BYLAWS ......................................................................... 33
A. PURPOSE AND Background

All organizations must protect themselves against fraud, misconduct, security breaches and other types of exploitation caused by attackers from both outside and inside the organization. Data from the past eight years show that these threats continue unabated, and the financial toll is mounting. As a result, the field of financial forensics represents one of the fastest growing practice areas in the fields of professional accounting and criminal investigation, and the development of an expanded workforce in the field of information security is one of the most critical issues facing the United States today.

The challenge to prevent, detect and recover from these activities is compounded by flaws in technology, lack of awareness about these risks, and misperceptions of external and internal attackers. The consequences for failing to implement adequate controls are serious, and include direct loss of assets, negative publicity, and increased exposure to civil litigation. For many organizations – particularly those that deal with telecommunications, banking and finance, electrical power, oil and gas production and storage, the water supply, transportation, government services, and emergency services – the risk is serious enough to threaten national security (Critical Foundations: Protecting America’s Infrastructures, a 1997 report issued by the President’s Commission on Critical Infrastructure Protection). More research is needed in the areas of financial forensics and information security, and more professionals are needed who are knowledgeable in such areas as organizational oversight, fraud investigation and examination, business valuation, valuation of damages and lost profits, litigation support, criminal investigations, business/employee fraud investigations, professional negligence, and computer and network security.

Financial forensics includes: (1) the use of the tools of the criminal investigator and financial auditor to uncover criminal activity involving financial and related assets, (2) the gathering financial evidence for criminal or civil proceedings, (3) evaluating internal controls and assessing fraud risks, and (4) providing oversight for business and government organizations. Financial forensics experts work as police detectives, law enforcement investigators, inspectors general, independent and internal auditors, and independent consultants.

Financial forensics has also become important to the investigation of terrorist organizations. Those who study terrorism are finding that terrorist organizations are financing their activities through economic crimes, racketeering activities, and money laundering. This nexus between terrorism, organized crime and white-collar crime has only recently been recognized. The use of financial forensics has become an essential tool in all investigations of organized crime enterprises, white-collar offenders, and now terrorist organizations.

Over the past several years, the Accounting, Justice and Law Administration and Management Information Systems departments at WCSU have expanded and/or modified their curricula in order to respond to these workforce needs. During the Fall 2002 semester, the Accounting department established three new courses: Fraud Examination, Valuation of Closely Held Businesses, and Valuation of Damages and Lost Profits. The Justice and Law Administration
division revised its curriculum to incorporate such courses as: *White Collar Crime, Organized Crime, Principles of Security,* and *Justice Issues in Domestic and International Terrorism.* During the Fall 1998 semester, the MIS department established the nation’s first undergraduate business specialization in Information Security Management.

WCSU has received recognition for its educational endeavors in financial forensics and information security. During the 1999-2000 academic year, WCSU received a $25,000 grant from the National Security Agency to be used for scholarships for students enrolled in the MIS department’s security courses. In May 2001, WCSU received a $3,000 student scholarship award from the American Society of Industrial Security. The award was given to a JLA student for her research on the security measures and integrity of the water system in Connecticut. In September 2003, WCSU received a $69,269 grant from the National Science Foundation to plan for the establishment of a regional center for information systems security. The principal investigator is Dr. Michael Foley (Justice and Law Administration). In December 2003, WCSU received scholarship funds from the Connecticut Chapter of the Information Systems Security Association (CT-ISSA), to be awarded to students who are pursuing careers in information systems security. In April 2004, WCSU received an award from the Committee on National Security Systems of the National Security Agency in recognition of the strength of our technology and security courses. To date, only eighty-nine institutions in the U.S. have received such national recognition.

In order to better integrate our efforts and expand upon our successes, it is proposed that a Center for Financial Forensics and Information Security be established.

**B. OBJECTIVES OF PROPOSED CENTER**

The Center is organized to focus on the related disciplines of financial forensics and information security, and shall pursue the following objectives:

1. To increase faculty research and intellectual activities in the areas of financial forensics and information security;

2. To provide students with greater opportunities to become involved in community service and experiential learning activities in the areas of financial forensics and information security;

3. To increase student and faculty interaction with external organizations having professional interests in these disciplines;

4. To be a resource center, and to provide services consistent with the Center’s objectives, to local and regional organizations, professional societies, and federal, state and local agencies;

5. To be a resource center for faculty and students interested in pursuing professional certifications in financial forensics and information security;
6. To acquire additional scholarship and research grant funds;

7. To further develop relationships among the departments at WCSU through interdisciplinary educational and research projects;

8. To promote and to assist in the modification of existing courses, and the development of new courses and programs, related to these disciplines;

**C. PERIOD COVERED BY THIS PROPOSAL AND EVALUATION REPORTING**

The initial term for this proposed Center is for the five year period from January 2005 to January 2010. On an annual basis, an evaluation report shall be written which documents its accomplishments vis-à-vis the objectives.

**D. DIRECTOR'S OFFICE AND EXECUTIVE COMMITTEE**

The daily affairs of the Center shall be managed by a Director who shall be one the five members of an Executive Committee which will meet at least four times a year. The Executive Committee shall consist of five (5) voting members to include: the Dean of the Ancell School of Business and four (4) full-time faculty members representing each of the following Departments of the Ancell School: one (1) from Accounting, one (1) from Management Information Systems, one (1) from Justice and Law Administration, and one (1) At-Large representative from one of the Ancell departments to be selected by the Executive Committee. The initial composition of the Executive Committee will be as follows:

- Richard J. Proctor, M.B.A., CPA, CVA, Cr.FA, CGFM, DABFA
  Professor, Accounting Department Member
  Director of the Center

- Marie A. Wright, Ph.D., CHS-III
  Professor, Management Information Systems Department Member

- Anthony G. Markert, M.B.A., Ph.D., CPA
  Assistant Professor, Division of Justice and Law Administration Member

- Allen Morton, DPS
  Dean of the Ancell School

- Michael O. Foley, M.P.A., Ph.D.
  Associate Professor and Chair, Division of Justice and Law Administration
  (At Large Member pending formal selection by the Executive Committee.)
E. CENTER ADVISORY BOARD

An advisory board will be formed that consists of fifteen to twenty individuals. Representation on the advisory board will be distributed between WCSU (e.g., faculty from the Accounting, Justice and Law Administration, Management Information Systems, and Computer Science departments), regional businesses (e.g., Deloitte, NASDAQ), government agencies (e.g., the Connecticut State Police, the Federal Bureau of Investigation) and a Student representative. These individuals will guide the Director and Executive Committee toward fulfilling its objectives.

F. CENTER RESOURCE REQUIREMENTS

The Center will work to become self-funding by 2006. Initial funding to establish the Center will be provided by Allen Morton, Dean of the Ancell School of Business. All funds will be deposited into a separate account which will be under the direct control and administration of the Center. A preliminary resource plan is provided below with supporting commentary.

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<th>DESCRIPTION</th>
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- **Director**- The position of Director of the Center for Financial Forensics and Information Security will be filled by a full-time faculty member (Professor Richard J. Proctor, Accounting Department), who will be awarded 3 semester hours of reassigned time per semester.

- **Library Materials**- Additional library reference materials will be added using the existing department library budgets. Publications and other materials also will be obtained at no cost from external sources (e.g., the Association of Fraud Examiners, the Defense Information...

- **Web Site** – Initially $1,000 will be required for web site support, administration and maintenance in the initial year increasing to $2,000 in subsequent years.

- **Advisory Board Meetings** - Initially, approximately $1,500 per year will be required to fund the cost of breakfast meetings two to four times per year with the Center’s Advisory Board.

- **Printing & Publishing** – Approximately $2,500 is needed to cover the printing and postage cost of a semi-annual newsletter and the printing of brochures.

- **Faculty** - No additional faculty need to be hired to support the Center’s initiatives.

**G. POSSIBLE CERTIFICATE PROGRAMS**

The Center may choose to issue certificates as a form of revenue generation. Possible certificate programs may include a Certificate in Fraud Investigation, a Certificate in Business Valuation, a Certificate in Valuation of Damages and Lost Income, a Certificate in Information Security, and a Certificate in Financial Forensics.

**H. AFFILIATION WITH PROFESSIONAL ORGANIZATIONS**

The faculty involved in this Center are members of several professionally-related organizations.

- Richard J. Proctor, CPA, CVA, Cr.FA, CGFM, DABFA, is a member of the American College of Forensic Examiners, the National Association of Certified Valuation Analysts, the Association of Certified Fraud Examiners, the American Institute of Certified Public Accountants, and the Association of Government Accountants.

- Marie A. Wright, Ph.D., CHS-III, is a member of the American College of Forensic Examiners International, the American Society for Industrial Security, the Association for Computing Machinery, the Association for Information Systems, the Computer Security Institute, the Information Systems Security Association, the Institute for Electrical and Electronics Engineers, and the International Computer Security Association.

- Michael O. Foley, Ph.D., is a member of the FBI National Academy, the Academy of Criminal Justice Sciences, the American Society of Criminology, the International Association for the Study of Organized Crime, and the Northeastern Association of Criminal Justice Services.

Through affiliations with these organizations, the Center is envisioned to become a resource for professional certification exams, to provide faculty with connections that will assist them in getting their related research published, and to provide students with enhanced learning experiences.

I. CURRICULA VITAE

Attached are the curricula vitae for:

- Richard J. Proctor………………Page 8
- Marie A. Wright………………Page 17
- Anthony G. Markert……………Page 23
- Michael O. Foley………………Page 28
RICHARD J. PROCTOR, CPA, CVA, Cr.FA, CGFM, DABFA
PROFESSOR OF ACCOUNTING

GENERAL BACKGROUND:
Professor Proctor has been on the faculty at Western Connecticut State University since 1983. He teaches a variety of accounting, tax and forensic related courses and served as Chairperson for the Accounting Department from 1994 to 2000. Prior to teaching at W.C.S.U., he spent three years at the University of Hartford as an Assistant Professor where he taught financial and management accounting courses, and his professional career exposed him to various business management and consulting responsibilities including Systems Consultant, Director of Accounting, Corporate Director of Business Planning and Systems, Public Accountant, and Chief Financial Officer.

ACADEMIC DEGREES
• Columbia University - Bachelor of Science in Accounting, 1963
• Columbia University - Master of Business Administration, Finance, 1970

CERTIFICATION AND LICENSES:
• Certified Valuation Analyst-National Association of Certified Valuation Analysts, 1995
• Certified Government Financial Manager-Association of Government Accountants, 1995
• Diplomate of the American Board of Forensic Accounting, 1997
• Certified Forensic Accountant - American College of Forensic Examiners-2002

ACADEMIC EXPERIENCE AT WESTERN
• Professor of Accounting (1989-Present)
• Accounting Department Chairperson (1994-2000)
• Associate Professor (1983-1989)

PROFESSIONAL MEMBERSHIPS AND LISTINGS
• American Institute of Certified Public Accountants
• Connecticut Society of Certified Public Accountants
• National Association of Certified Valuation Analysts
• Association of Certified Fraud Examiners(ACFE)
• American College of Forensic Examiners(ACFEI)
• Institute of Business Appraisers
• Association of Government Accountants
• American Accounting Association
• Institute of Management Accountants
CURRENT TEACHING INTERESTS

- Auditing
- Fraud Examination & Forensic Accounting
- Federal Taxation
- Financial Accounting

PUBLICATIONS-JOURNALS & BOOKS


- “Proli Footwear-An Audit Simulation for Team Based Student Participation” by Richard Proctor & Patricia Poli, Custom Published by Thomson Publishing, Fall 2000, ISBN # 0-324-10235-6

PRESENTATIONS WITH PROCEEDINGS


- "How Does the Purpose of an Appraisal Relate to the Approach” Presentation at the NAVCA annual Conference, May, 1996

- "Implementing Current Value Accounting" Richard Proctor & William Stevens Paper presented at TIMS Conference, October, 1995, South Carolina

PUBLICATIONS-OTHER

- "Life After Soliman, A Current Look at the Home Office Deduction"
  Article-The FACS CPA Chronicle, Fall 1994

- "Business Valuation Litigation"
  Article-Connecticut CPA Quarterly, 1992
  (Received CSCPA Distinguished Authors Award for this Article)
• "Introduction to Microcomputers"
  Article-Practical Accountant, April, 1984

• "Understanding Computers"
  Article-Connecticut CPA, September, 1982
  (Received 1983 Distinguished Authors Award from Connecticut Society of CPA's for this article)

• "Improving Cash Flow"
  Article-Connecticut CPA, September, 1981

• "Home Office Deductions"
  Article-Business Digest, February, 1986

• "Avoiding Penalties"
  Article-Business Digest, January, 1986

• "Section 1244 Deductions"
  Article-Business Digest, December, 1985

• "Education and Entertainment"
  Article-Business Digest, November 1985

• "Tax Aspects of Divorce"
  Article-Business Digest, October, 1985

• "Reducing Your Tax Liability"
  Article-Business Digest, September, 1985

• "Tax Update"
  Article-Business Digest, August, 1985

• "Convention Deduction"
  Article-Business Digest, July, 1985

• "Tax Reform"
  Article-Business Digest, June, 1985

• "Business Loans - Beware, New Rules"
  Article-Business Digest, May, 1985

• "Problems Ahead - New Record Keeping Rules"
  Article-Business Digest, April, 1985
PRESENTATIONS WITHOUT PROCEEDINGS

• “Critical Assumption Points in Business Valuations”
  Presentation to Bridgeport Area CPA Group, December, 2001

• “Business Valuation & Economic Damages”
  Presentation to the Danbury Chapter of the Institute of Management Accountants,
  October 1999.

• “Business Valuation and Business Succession Planning”
  Presentation to Western Connecticut Estate Planning Council, May, 1999
  With Attorney Tim Throckmorton

• “Reporting Standards” Presentation to NACVA Connecticut Chapter, Trumbull, CT,
  December, 1998

• ”Accounting and Tax Issues for the New Business”
  Presentation at the Score Conference, October, 1996

• ”Engagement Approach to Researching, Evaluating, and Understanding the Company”
  Taught One Day Seminars-AICPA/Illinois Society CPA’s Business Valuation CEA
  Program in New Hampshire and New Jersey, June & July, 1996

• ”Tax Pitfalls Every Business Owner Should Avoid”
  Presentation at the Minority Business Association Workshop, April, 1996

FACULTY DEVELOPMENT

• Selected Specialized Training And Seminars Attended

  • Annual Valuation Conference- NACVA, Miami, June, 2004
  • Annual Business Valuation Conference- AICPA, Phoenix, November, 2003
  • Investigating by Computer- ACFE, Washington DC, July 2003
  • Annual Forensic Accounting Conference- ACFEI, Orlando, September, 2002
  • Annual Business Valuation Conference- NACVA, Chicago, May, 2001
  • Economic Theory & Modeling- NACVA, Annapolis, Maryland, August, 2000
  • Statistical Analysis- NACVA, Annapolis, Maryland, August, 2000
  • Commercial Damages- NACVA, Annapolis, Maryland, August, 2000
  • Family Limited Partnerships- NBI, New Haven, Connecticut, June, 2000
  • Testifying in Court- NACVA CT Chapter, Trumbull, Connecticut, October, 1999
  • Marketability & Minority Discounts- NACVA CT Chapter, Trumbull, Connecticut,
    January, 1999
  • Reporting Standards- NACVA CT Chapter, Trumbull, CT, December, 1998
• Report Writing Ethics & Standards- NACVA, Atlantic, New Jersey, October, 1998
• Annual Business Valuation Conference- NACVA, Baltimore, Maryland, May, 1996
• Engagement Approach to Researching and Understanding the Company- FAE, New York, New York, October, 1995
• Business Valuation Techniques- NACVA, Salt Lake City, Utah, November 1994
• Valuation of Tangible Property- FAE, New York, New York, November, 1994
• Valuation of Businesses & Practices- FAE, New York, New York, October, 1994
• The CPA’s Role in Litigation- AICPA Conference, Washington, DC, July, 1992
• Valuation Theory & Practice- Institute of Business Appraisers, June/July, 1990

• American Accounting Association Annual Northeast Regional Conference
  • May, 2001 Portland, Maine
  • April, 2000 Boston, Massachusetts
  • April, 1999 Rochester, New York
  • April, 1998 Manchester, New Hampshire
  • April, 1997 Binghamton, New York

• AACSB Conferences
  • Technology/Annual Meeting, Atlanta, Georgia, April, 1999
  • Outcome Assessment, Clearwater Beach, March, 1999
  • Continuous Improvement, Philadelphia, October, 1995

**RECENT EXPERT TESTIMONY EXPERIENCE**

Professor Proctor is regularly engaged to value closely held businesses and economic losses in various types of litigation and has testified as an expert witness in Federal District Court and State Court. Recent testimony experience includes the following:

• “Valuation of a Technology Company in a dissenting stockholder proceeding” Stamford Superior Court, 2003

• “Determination of Lost Profits in a Legal Malpractice proceeding” Danbury Superior Court & Bridgeport, Deposition, 2003

• “Analysis of Economic Losses resulting from physical incapacity from an automobile accident” Waterbury Superior court, Complex litigation Division, and Ridgefield Deposition, 2003

• “Analysis of Lost Business Income resulting from an automobile accident” Hamden, Arbitration Hearing, 2002

• “Valuation of a Tree Trimming and Landscaping Business” Danbury Superior Court, 2002.

• “Valuation of a Sign Manufacturing Business & related cash flow” Danbury Superior Court, 2002.


• “Valuation of a 50% Interest in an Office Furniture Wholesaler Resulting from a Dissenting Stockholder Action” Deposition, 2000.


• “Valuation of a Medical/Surgery Practice in a Marital Dissolution Proceeding” Middletown Superior Court, 1999.


• “Valuation of a Equity Interest in a Magazine Publishing Company in a Marital Dissolution Proceedings and Cash Flow Analysis” Danbury Superior Court, 1998

• “Determination of Lost Income Damages as a Result of a Skating Accident at a Skating Rink” Deposition, 1998.


• “Valuation of a Spring Manufacturing Company in a Breach of Contract and Fraud Suit” Federal District Court, Hartford, 1996.
SERVICE TO DEPARTMENT, SCHOOL, AND UNIVERSITY

- **Department Chairperson** - Served as Department Chairperson & Co-Chairperson for the Accounting Department (1994-2000)

- **Ancell Advisory Committee** – Have participated in Ancell Advisory Committee activities including the Corporate and Community Relations Committee and the Accounting Program Advisory Council.

- **Advancement Team Committee** - 1997 To 1999

- **Ancell Dean Search Committee** - (1998-1999)
  Co-Chair of Search II and member of Search I Committee

- **AICPA Campus Champion** - Coordinate AICPA student affiliate program on WCSU campus (1997-Present)

- **AACSB Accreditation Committees**
  Served as Chairperson of Student Subcommittee (1992-1996)
  Member of AACSB Steering Committee (1998 to 2000)

- **Faculty Advisor** - Serve as Faculty Advisor & Co-Advisor to two student organizations:
  Accounting Association (1992-2000)
  Hockey Team (1994-1995)

- **MSA Advisor** - Advised Graduate students in Accounting program concerning development of graduate programs, writing of thesis papers (MSA 590), and other related matters. (1986-1999)

- **Senate** - Served on University Senate (1993-1994)

- **Termination And Appeals Committee** - Served on the committee (1988-1993)

- **Ancell Strategic Planning Committee** - served on the committee that developed Strategic Plan for Ancell School of Business (1988).

- **University Computer Policy Committee** - Two years of service on this committee, (1984-1986)

- **Library Policy Committee** - served during the 1983-1984 school year.

- **Teaching** - Have taught a variety of courses including Financial Accounting (ACC 201), Managerial (ACC 202), Auditing (ACC 380), Control Accounting (ACC 507), Advanced Accounting (ACC 363), Consolidations (ACC 362), Advanced Accounting (ACC 363), Intermediate Accounting (ACC 301-303), Corporate Reorganizations (ACC 573), Advanced
Management Accounting (ACC 528), Taxation of Individuals (ACC 365), Advanced Taxation (ACC 366).

**PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE**

- **Connecticut Society of CPA’s**
  - Educators Committee- Chair (1998 to 2000), Member, 1998 to Present
  - Legal Committee (1998 to Present)
  - Relations with Banks (1995 to 1996)
  - Liaison with the Bar Committee (1991-1995)
  - Publications Committee (1980-1988)

- **National Association of Valuation Analysts (NACVA)**
  - President, Connecticut State Chapter (1996 to 1999)
  - Member, 1994 to Present

- **Rotary Club International**
  - Member of the Rotary Clubs of New Canaan and Ridgefield (1983-1996).

- **Association of Research and Enlightenment - Virginia Beach**
  - Board of Trustees (1995 to 2000)

- **Columbia University Alumni Club of Fairfield County**
  - Member from 1980 to Present
  - President from 1985-1987

- **Columbia University Club on New York City**
  - Board of Trustees (1995 to 1996)

- **MAP Advisory Committee of Volunteer Bureau of Greater Danbury**
  - Assisted committee in reviewing project requests and finding and selecting professional volunteers to work on approved projects for various Not-for-Profit organizations in the greater Danbury area. (1985-1993)

**OTHER TEACHING EXPERIENCE**

Prior to joining the WCSU faculty, Mr. Proctor taught for three years at the Barney School of Business at the University of Hartford where he did the following:

- Taught financial and management accounting courses including Intermediate Accounting, Seminar in Management Accounting, Controllership, Principles of Accounting, Financial Accounting for MBA students, Case Studies in Management Accounting and Control Systems.

- Was an advisor to students in the Master of Science in Professional Accounting Program
• Initiated and taught a CPA review course at the University and designed and initiated a Seminar on Management Accounting for the M.S. program.

• Developed seminar course materials (Financial Planning and Control for Managerial Decision Making) and taught in the Executive Development program.

OTHER PROFESSIONAL EXPERIENCE:

Prior to commencing his teaching career in 1979, Professor Proctor's business experience included the following organizations and responsibilities:

• Irvin Industries, Inc. (Multinational Manufacturer) - Director of Business Planning and Systems

• Executrans (Relocation and Financial Service Company) - Chief Financial Officer

• New York Stock Exchange - Director of Accounting & Financial Services for their computer services subsidiary (SIAC)

• Arthur Andersen (CPA Firm) - Senior Accountant/Systems Analyst

• Olivetti Corporation - Division and Plant Controller

• Plant Cost Accountant at Fiberboard Paper & Sealtest Foods.

• Staff Accountant at Haskins & Sells
MARIE A. WRIGHT, Ph.D., CHS-III

Office: Management Information Systems Department
Western Connecticut State University
181 White Street
Danbury, CT 06810

Telephone: (203) 837-9344
E-mail: wrightm@wcsu.edu

Home: 24 Peck Lane
Southbury, CT 06488-2335

Telephone: (203) 264-7299

RECENT PROFESSIONAL EXPERIENCE

Review Board Member
National Security Agency
Center of Academic Excellence in Information Assurance Education Program
January 1999 – August 2003

Panel Review Member
National Science Foundation
Federal Cyber Service: Scholarship for Service program

Co-Principal Investigator
NSF Grant #0201873
Computer Security and Data Assurance Associate Degree Program
Award Amount: $688,414 (Estimated)
September 15, 2002 – August 31, 2005 (Estimated)

Professor (May 2002 – present) / Associate Professor (January 1990 – May 2002)
Management Information Systems Department
Western Connecticut State University, Danbury, CT

Significant Achievements

Developed the first undergraduate course in information systems security, offered within a school of business, in the United States.

Developed the first undergraduate program in information security management, offered within a school of business, in the United States.
Received a $25,000 grant from the National Security Agency to be used for scholarships for students enrolled in our undergraduate security courses during the 1999-2000 academic year. This was the first time the NSA had awarded a grant to be used for undergraduate student scholarships.

**Assistant Professor** (Summer 1986 - December 1989)  
**Mathematics and Computer Science Department**  
**College of Our Lady of the Elms, Chicopee, MA**

**PUBLICATIONS**


*An overview of PKI.*  *Network Security*, September 1999.


Looking back at the bridge's long and colorful history. The Middletown Press, December 4, 1990.


PRESENTATIONS

Infosec education and partnerships.

Western Connecticut State University and Norwalk Community College partnership in cybersecurity education.

Recent security incidents.

Recent events in computer security.
14th Annual Connecticut State University (CSU) Academic Computing Conference (New Britain, CT), April 15, 2000.

*Information Security and the CEO.*
Western Connecticut State University’s CEO Forum (Ridgefield, CT), June 1, 1999.

*Information Systems Security Education at WCSU.*

*Incorporating INFOSEC into the Undergraduate Curriculum at WCSU.*
Invited to speak to the National Security Agency’s Deputy Director for Information Systems Security (Ft. Meade, MD), September 14, 1998.

*Incorporating INFOSEC into Undergraduate Education at Western Connecticut State University.*

*Securing Electronic Transactions.*
Invited to speak to faculty, undergraduate and graduate students at Clarkson University (Potsdam, NY), March 24, 1998.

*Future Trends in INFOSEC Education.*

*Computer crime and control.*
Danbury area chapter of the Institute of Management Accountants (Danbury, CT), January 19, 1993.

*Security controls in ATM systems.*

**EDUCATION**

University of Massachusetts/Amherst
School of Management
Ph.D., Information and Control Systems
Dissertation: *An Investigation of the Perceptions of ATM Security Issues Maintained by Bank Officials within the Commonwealth of Massachusetts*
February 1989

Clarkson University
Master of Business Administration
May 1984

University of Massachusetts/Boston
College of Management and Professional Studies
B.S., Management Information Systems
May 1981  Summa Cum Laude

CERTIFICATION

Certified in Homeland Security, Level III (CHS-III)
July 2003

MEMBERSHIPS IN PROFESSIONAL ORGANIZATIONS

American Association of University Women (AAUW)
American College of Forensic Examiners International (ACFEI)
American Society for Industrial Security (ASIS)
Association for Computing Machinery (ACM)
Association for Information Systems (AIS)
Beta Gamma Sigma (BGS) National Honor Society
Computer Security Institute (CSI)
Information Systems Security Association (ISSA)
Institute for Electrical and Electronics Engineers (IEEE)
International Computer Security Association (ICSA)
CURRICULUM VITAE

ANTHONY G. MARKERT

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Western Connecticut State University
181 White Street
Danbury, CT 06810
Telephone: (203) 837-8469
Email: markerta@wcsu.edu

Home: 64 Rock Road
Ridgefield, Connecticut 06877

Summary of Background:

Dr. Markert has been a full-time member of the Justice and Law Administration faculty at Western Connecticut State University since 1998. His research and teaching interests are in the areas of white-collar crime and organizational oversight. He is also a CPA and consults on matters such as internal controls and fraud risks. Dr. Markert also worked as a full-time police officer for 11 years and in other part-time law enforcement capacities for 9 years. Dr. Markert also served as chief financial officer for several publicly traded corporations and worked as an audit manager for one of the original “Big Eight” CPA firms.

Education:

CITY UNIVERSITY OF NEW YORK, Ph.D., October 2003. Major in criminal justice at the John Jay College of Criminal Justice campus.


PACE UNIVERSITY LAW SCHOOL, Fall 1982. Successfully completed one semester of law school education.


CONNECTICUT MUNICIPAL POLICE TRAINING ACADEMY (now CT. P.O.S.T. Academy), March 1987. Graduated with the rank of first in the class from this certified police officer recruit-training academy. Have also completed additional law enforcement training courses in: instructor development, firearms instruction, drug investigation, crime scene
investigation, burglary & robbery investigations, homicide investigation, fingerprint classification, police photography, satanic crimes investigation, DWI enforcement, explosives recognition, arson investigation, and terrorism investigation.

Have also attended numerous academic, law enforcement, and other professional society conferences and seminars.

**Work Experience:**

WESTERN CONNECTICUT STATE UNIVERSITY, Danbury CT., January 1998 to present. Full-time, tenured assistant professor in the Division of Justice and Law Administration. Have taught courses in white-collar crime, management issues in law enforcement, introduction to law enforcement, research seminar, corporate security, and organizational management. Coordinator of the Masters of Science in Justice Administration degree program. Previously was an adjunct professor from September 1994.

NEW FAIRFIELD POLICE DEPARTMENT, New Fairfield CT., March 1987 to January 1998. Training coordinator, firearms instructor and patrol officer. Coordinated all officer training scheduling to insure that officers meet their mandatory review training requirements. Police patrol officer in this small department. Due to the size of the department, patrol officers conduct most all investigations. Have investigated a broad range of cases, including: arson, assault, sexual assault, burglary, larceny, business fraud, bank fraud, untimely death, and serious injury motor vehicle accident.

ANTHONY G. MARKERT, CPA, 1987 to present. Part-time consulting work for corporations and other businesses in the areas of internal controls, fraud investigation and assessment, corporate finance, and other accounting issues.

CANDLEWOOD LAKE AUTHORITY, Sherman CT, March 1998 to present. Seasonal marine patrol officer performing marine law enforcement and rescue work.


CONSOLIDATED HYDRO, INC., Greenwich CT., Sept. 1985 to March 1987. Senior Vice President-Finance and Administration for this publicly traded hydroelectric plant developer and operator. Responsible for all finance and accounting functions. Participated in the initial public offering. Left this company to pursue a life long goal of having a career in criminal justice.


Controller for this diversified company with interests in paper manufacturing, commercial and residential real estate development, and thoroughbred horse racing and breeding.

Audit Manager for this auditing firm that was one of the original "Big Eight" certified public accounting firms. Conducted numerous audits and investigations of a variety of corporations, other organizations, and individuals.

Publications:

Paper presentations:


Panel presentations:
Panel chair, June 2002, Panel on Cutting Edge Issues in Criminal Justice, Annual Conference of the Northeast Academy of Criminal Justice Sciences, Bristol, RI.

Panel moderator, May 1, 1999, Drug trade panel at the International-Interdisciplinary Conference on the Emergence of Democracy and the Globalization of Crime at Central Connecticut State University, New Britain, CT.

Organizer and panel moderator, November 19, 1998, Conference on Corporate and Government Fraud, Western Connecticut State University, Danbury, CT.
**Reviewer activity:**


May 2003, reviewed a new untitled white-collar crime text by Hank Brightman for Sage Publications.

**Other speaking engagements:**

Speaker, September 21, 1999, on Corporate Crime—the Manager’s Role, Danbury Area Chapter of the Institute of Management Accountants.

**University committees:**

Elected Ancell School of Business representative to the Committee on Undergraduate Curriculum and Academic Standards since September 2001. Chair since June 2003.

Elected Ancell School of Business representative to the Media and Library Policy Committee since May 2000. Chair of this committee for the two years ended May 2003.

Member of the Faculty Senate, for four years ended May 2003.

Member of search committee for Western police officers, May 2002 to March 2004.

Member of the Ancell School of Business Instructional Technology Committee since 1999.

Member of Ancell School of Business Dean Search Committees of 1998 and 1999.

**Other public service:**

Member of Town of Ridgefield Emergency Services Dispatch Committee, 1998 to 2001.

**Honors & Awards:**

John Jay College of Criminal Justice - Dean's List.

Connecticut Police Chiefs Association Award for academic excellence for rank of first in class at the Connecticut Municipal Police Academy. Was also elected class speaker.

Connecticut Department of Environmental Protection Award for Lifesaving.
Connecticut State Police Award for Lifesaving.

Certified Public Accountant, State of Connecticut.

Manhattan College - graduated Magna Cum Laude, Next in Merit for School of Business Award, Dean's List, and membership in Epsilon Sigma Pi and Delta Mu Delta honor societies.

**Professional society memberships:**

Academy of Criminal Justice Sciences, since 1995  
American Institute of Certified Public Accountants, since 1975  
Association of Inspectors General, since 2000  
International Association for the Study of Organized Crime, since 2003  
Northeastern Academy of Criminal Justice Sciences, since 2002  
White Collar Crime Research Consortium, since 2002
EDUCATION

Ph.D., Criminal Justice, City University of New York, New York, New York


Master of Public Administration, City University of New York, John Jay College of Criminal Justice, New York, New York.

Master of Philosophy, City University of New York, New York, New York.

Bachelor of Arts in Economics and Business Administration, Iona College, New Rochelle, New York.

GRANTS and FELLOWSHIPS

- 2003, Principal Investigator, National Science Foundation Planning Grant for a Northeastern Regional Center for Information System Security, ($70,000)


INDEX/CITATIONS


In Crimmins, Susan & Langley, Sandra, Convicted Women Who Have Killed Children: A Self-Psychology Perspective, pg. 52,

PUBLICATIONS


EXPERT TESTIMONY

Case of Jack Smith v. City of New Rochelle, 1999

CONSULTANT/ASSESSMENTS

2004 - Quinquennial assessment of the Criminal Justice, Sociology, Anthropology and Human Services Department, Pace University

2003 - Quinquennial assessment of the BA, BS and Masters Programs at Iona College

PAPER PRESENTATIONS


Violence in Schools, presented at the State of Connecticut PTA Forum on "Bullying and Safe Schools", Yale University, New Haven, October 6, 2000


Police Perjury: Deviance or Utilitarianism, presented at the American Society of Criminology; San Diego, California, October 1997.

The Politicalization of Homicide; A Police Perspective, presented at the American Society of Criminology; Phoenix, Arizona, October 1993.

Racism, Terrorism, and Political Rights, discussant, presented at the American Society of Criminology; Phoenix, Arizona, October 1993.

The Diagnosis is Violence, co-author, presented at the Academy of Criminal Justice Sciences; Denver, Colorado, March 1990.

The Threshold of Violence in Urban Adolescents, co-author, presented at the American Society of Criminology; Reno, Nevada, November 1989.

TEACHING EXPERIENCE

1995-present  WESTERN CONNECTICUT STATE UNIVERSITY
- Chair, Division of Justice and Law Administration
- Associate Chair
- Director, Master of Science in Justice Administration Program
- Associate Professor. Undergraduate Courses: Introduction to Criminal Justice, Nature of Crime/Criminology, Management Issues in Policing, Organized Crime, Personnel Administration. Graduate Course: Seminar in Law Enforcement Administration


LAW ENFORCEMENT EXPERIENCE

1985-1994 FIRST DEPUTY POLICE COMMISSIONER'S OFFICE, NEW YORK CITY POLICE DEPARTMENT, New York, New York. Lieutenant on Special Assignment, Confidential Investigator. Liaison of the First Deputy Commissioner to the Department Advocate's Office. Responsible for reviewing and monitoring the disciplinary system of the Department, investigating and making recommendations on personnel issues. Representative on Candidate Review Board, Resource Allocation Board, Integrity Review Board, Committee to Reorganize the Civilian Complaint Review Board, Committee to Review and Reorganize the Police Department Disciplinary System and the Committee to Develop Job Descriptions for Key Positions in Accordance with a Community Policing Philosophy.
- Graduate F.B.I. National Academy, 158th Session.

DEPARTMENT ADVOCATE'S OFFICE, Supervisor of Investigative Squad.
DEPARTMENT ADVOCATE'S OFFICE, Administrative Sergeant.
Managed the Prosecutorial Unit, Investigative Squad, Charges Unit, Clerical Staff and Annual Budget of over $1,500,000.00. Developed and implemented a computer system to improve the monitoring and statistical evaluation of the disciplinary system previously developed in 1972.

Monitored, controlled and evaluated the disciplinary process of over 1,000 federally-funded employees. Coordinated with federal agencies. Development of necessary grants.
1972-1982 DEPARTMENT ADVOCATE'S OFFICE, Police Officer.
Developed and implemented a system of statistical analysis to monitor and evaluate disciplinary procedures. Coordinated and conducted a disciplinary seminar to all ranking officers in the New York City Police Department. Consulted in disciplinary matters to police agencies throughout the United States.

1969-1972 POLICE OFFICER. Six months of intensive training in law, behavioral science, psychology and human relations. Assigned to high crime patrol precinct in Manhattan. Assigned to precinct plainclothes anti-crime unit.

FBI NATIONAL CONFERENCES

2002 FBI/NAA 38th National Training Conference, “Terrorism
1999 FBI/NAA New York State/Eastern Canada Chapter: Training Conference
1998 FBI/NAA 34th National Conference; Using Technology to Improve Performance
1997 FBI/NAA New York State/Eastern Canada Chapter – 49th Training Conference; “Bridging Law Enforcement Needs”
1997 FBI/NAA Georgia Chapter; “Managing in the New Millennium”
1996 FBI/NAA New York State/Eastern Canada Chapter – 48th Training Conference; “Domestic Terrorism: A Danger From Within”
1993 FBI/NAA New York State/Eastern Canada Chapter – 45th Training Conference; “Domestic and international Terrorism”
J. Bylaws
Center for Financial Forensics and Information Security

Article I - Name

This organization shall be known as the Center for Financial Forensics and Information Security (CFFIS and hereafter also referred to as the Center).

Article II - Purpose of the Center

1. To increase faculty research and intellectual activities in the areas of financial forensics and information security;
2. To provide students with greater opportunities to become involved in community service and experiential learning activities in the areas of financial forensics and information security;
3. To increase student and faculty interaction with external organizations having professional interests in these disciplines;
4. To be a resource center, and to provide services consistent with the Center’s objectives, to local and regional organizations, professional societies, and federal, state and local agencies;
5. To be a resource center for faculty and students interested in pursuing professional certifications in financial forensics and information security;
6. To acquire additional scholarship and research grant funds;
7. To further develop relationships among the departments at WCSU through interdisciplinary educational and research projects;
8. To promote and to assist in the modification of existing courses, and the development of new courses and programs, related to these disciplines;

Article III - Operations

1. The Center shall be self-funding. All funds shall be deposited into a separate account which shall be under the direct control and administration of the Center.
2. The Center may solicit and receive grants, and accept contracts, donations and endowments in accordance with University policy and procedures. It may also request consulting fees for services rendered. All such grants, revenues, fees and other funds received shall be deposited in a Center account.
3. The Center is empowered to pay employees and others delivering services or goods to the Center or its clients.

Article IV - Governance and Rules of Order

1. The affairs of the Center shall be managed by a Director who shall be one of the five members of the Center Executive Committee. The Director will meet and consult with the Executive Committee in fulfilling the objectives of the Center.
2. The Executive Committee shall consist of five (5) voting members to include: the Dean of the Ancell School of Business and four (4) full-time faculty members. The four full-time faculty members shall be selected as follows: one (1) chosen by the Accounting Department,
one (1) chosen by the Management Information Systems department, one (1) chosen by the Justice and Law Administration department, and one (1) At-Large representative from one of the Ancell departments to be selected by the Executive Committee.

3. The term of office of each Executive Committee member shall be for three years, commencing on February 1st. Members are eligible for reelection.

4. In the event of a vacancy on the Executive Committee, the affected Department shall promptly elect a replacement for the remainder of the vacated term. In the event the affected Department does not elect a replacement within 45 days of the vacancy being announced, the Executive Committee may make such selection by majority vote.

5. The Executive Committee meetings shall be regulated in accordance with Robert's Rules of Order and all other proceedings shall be governed by the Bylaws.

6. Any amendments to the bylaws shall be subject to University Senate approval.

**Article V – Advisory Board**

1. An advisory board shall be formed that consists of fifteen to twenty individuals. Representation on the advisory board shall be distributed between WCSU (e.g., faculty from the Accounting, Justice and Law Administration, Management Information Systems, and Computer Science departments), regional businesses, government agencies and a Student representative. These individuals shall assist the Director and Executive Committee toward fulfilling the Center’s objectives.

2. The Center Executive Committee shall meet with the Advisory Board at least annually.

**Article VI - Quorum**

1. At meetings of the Executive Committee, a majority of the members of the Executive Committee shall constitute a quorum.

2. A majority vote of those present and voting shall be necessary to carry any motion made.

**Article VII – Office of the Director and Duties**

1. The officer of the Executive Committee shall be the Center Director and shall function as Chairperson at meetings of the Center and the Director (or another member of the Executive Committee if the Director cannot attend) shall preside over all meetings of the Executive Committee.

2. The Director, with the assistance of the Executive Committee, shall seek to achieve all the purposes and objectives defined in Article II.

3. The Center Director shall be elected by a majority vote of the Executive Committee and shall serve for a term of three (3) years. The Center Director shall be a full-time faculty member of the Ancell School and shall be selected from one of the 3 standing department members on the Executive Committee or the At-Large member.

4. The daily administration of the Center shall be the responsibility of the Director. The Center Director shall make routine operating decisions under guidelines established in periodic Executive Committee meetings.

5. The Director shall receive 3 hours reassigned time per semester.
6. The Director as a member of the Executive Committee shall have voting rights.
7. The Director shall be a fiscal agent of the Center and shall be authorized to sign for disbursement of funds in the Center accounts.
8. The Director shall be responsible for the preparation of a budget for the ensuing year to be presented to the Executive Committee at the annual meeting. Said budget shall include the estimated costs of administering and operating each program, and estimated revenues from all sources in support of the Center and its programs.
9. The Director shall prepare and provide to each member of the Executive Committee, at the annual meeting, a financial report and a report of the programs and services provided by the Center during the previous academic year. The Director shall also send a copy of the annual report to the Senate.

Article VIII – Executive Committee Meetings

1. The Executive Committee shall meet at least four times annually. One such meeting shall be designated as the annual meeting by the Executive Committee.
2. A special meeting of the Executive Committee may be called at the request of the Director, or any Executive Committee member, provided a written notice has been given to all members at least 5 days prior to such a meeting and a written agenda has been distributed when the meeting is called.
3. All meetings shall be held on the WCSU campus unless another location is approved by a majority vote of the Executive Committee.
4. A Recording Secretary shall be appointed to keep the official minutes of each meeting of the Executive Committee. A copy of official minutes of each meeting shall be distributed to Ancell School members by the Recording Secretary. Copies of the minutes of the meeting shall also be available to others upon request. The Recording Secretary shall be a member of the Executive Committee and shall be appointed based on a rotating last name alpha basis.

Article IX – Amendments

These Bylaws may be amended at any regular meeting of the Executive Committee by two-thirds of the membership, providing the amendments were presented during the prior regular meeting and providing such amendments are approved by the Senate.