Chad Fenner

EDUCATION

Dakota State University, Madison, SD

Ph.D. in Information Systems 2023

Dissertation: “Native American Digital Divide: Student Insights”

Focus: Cybersecurity and Data Analysis

Minot State University, Minot, ND

Master of Science Information Systems 2013

Thesis: “Universal Design in MIS”

Minot State University, Minot, ND

B.S. in Computer Science 1999

Areas of Concentration: Mathematics

Minor: MIS

TEACHING EXPERIENCE

Minot State University

Assistant Professor

BIT 244 IT Security & Information Assurance Enterprise Architecture
BIT 340 Enterprise Architecture

BIT 445 IT Audit Controls

BIT 557 Foundations of Information Assurance and Security 2024-Spring

Developed syllabi, course structure, online content, and administered all grades.

Dakota State University

Adjunct Professor

**INFA 722 Data Privacy Management** **2024-Spring**

Minot State University

Assistant Professor

BIT 120 Introduction to Cybersecurity (classroom)

BIT 244 IT Security & Information Assurance (online)
BIT 340 IT Enterprise Architecture (classroom)

BIT 455 IT E-Commerce (classroom) 2023-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Assistant Professor

BIT 244 IT Security & Information Assurance Enterprise Architecture

BIT 258 IT Infrastructure
BIT 340 Enterprise Architecture

BIT 445 IT Audit Controls

BIT 455 E-commerce 2023-Spring

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Assistant Professor

BIT 120 Introduction to Cybersecurity (classroom)

BIT 185 IT Infrastructure (online)

BIT 244 IT Security & Information Assurance (online)
BIT 440 IT Enterprise Architecture (classroom)

BIT 455 IT E-Commerce (classroom) 2022-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Assistant Professor

BIT 185 Technology Management (hyperflex)

BIT 220 Management Information Systems (hyperflex)

BIT 244 IT Security & Information Assurance Enterprise Architecture (hyperflex)
BIT 347 Data Analytics for Business (hyperflex)

BIT 445 IT Audit Controls (hyperflex) 2022-Spring

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Assistant Professor

BIT 120 Introduction to Cybersecurity (sync online)

BIT 244 IT Security & Information Assurance (online)

BIT 258 IT Infrastructure (sync online)
BIT 440 IT Enterprise Architecture (sync online)

BIT 455 IT E-Commerce (sync online) 2021-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Assistant Professor

BIT 120 Introduction to Cybersecurity (online)

BIT 220 Management Information Systems (hyperflex)

BIT 440 Enterprise Architecture (hyperflex)
BIT 444 IT Security & Information Assurance (hyperflex)

BIT 445 IT Audit Controls (hyperflex) 2021-Spring

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 120 Introduction to Cybersecurity (classroom) NEW COURSE DEVELOPMENT

BIT 444 IT Security & Information Assurance (classroom)

BIT 385 Technology Management (online)
BIT 440 Enterprise Architecture (classroom)

BIT 370 E-Commerce (online – independent study) 2020-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 220 Management Information Systems (campus)

BIT 385 Technology Management (campus)
BIT 440 Enterprise Architecture (online)

BIT 370 E-Commerce (online) 2020-Spring

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 220 Management Information Systems,

BIT 440 Enterprise Architecture (classroom)

BIT 385 Technology Management (online)
BIT 440 Enterprise Architecture (classroom)

BIT 370 E-Commerce (classroom) 2019-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 220 Management Information Systems

BIT 385 Technology Management (online – independent study)
BIT 440 Enterprise Architecture (online)

BIT 443 Outsourcing Management

BIT 444 IT Security & Information Assurance (online)

BIT 445 IT Audit Controls 2019-Spring

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 220 Management Information Systems

BIT 220 Management Information Systems (online)

BIT 370 E-Commerce (online)

BIT 385 Technology Management

BIT 470 MIS Projects (online) 2018-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor – BIT 385 Technology Management (online – independent study) 2018-Summer

Developed syllabus, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 220 Management Information Systems

BIT 220 Management Information Systems (online)

BIT 370 E-Commerce

BIT 440 Enterprise Architecture

BIT 444 IT Security & Information Systems 2018-Spring

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Instructor

BIT 385 Technology Management

BIT 310 Project Management (online) 2017-Fall

Developed syllabi, course structure, online content, and administered all grades.

Minot State University

Adjunct Instructor – BIT 385 Technology Management (online) 2017-Spring

Developed syllabus, course structure, online content, and administered all grades.

Minot State University

Adjunct Instructor – BIT 385 Technology Management 2016-Fall

Developed syllabus, course structure, online content, and administered all grades.

Minot State University

Adjunct Instructor – BIT 310 Project Management 2016-Spring

Developed syllabus, course structure, online content, and administered all grades.

Minot State University

Adjunct Instructor – BIT 385 Technology Management 2015-Fall

Developed syllabus, course structure, online content, and administered all grades.

Minot State University

Adjunct Instructor – BIT 385 Technology Management 2015-Spring

Developed syllabus, course structure, online content, and administered all grades.

RELATED EXPERIENCE

Minot State University – NDCPD, Minot, ND

Information Systems Technician 2004 – 2020

Web content creation and administration, graphic design, system administration, computer tech, training and troubleshooting information systems issues, and analysis.

IBM – Global Services, Allentown, PA

Web Administrator / Architect 2000 – 2003

Web content creation and administration, assistance with Oracle portal creation/implementation, Documentum and Verity products, reduction in issue resolutions by over 50%, architecture and installation of products, WebTrends reporting, web administration of UNIX and Microsoft servers, DMZ design and implementation, and training of staff and colleagues.

IBM – AS/400 Backup/Recovery, Rochester, MN

Backup and Recovery 1999-2000

Facilitated backup/recovery on thirty-plus test systems ranging from a few GB to over 1 TB in size, verification of backups and documentation of times for backup and recovery, over a 95% success rate, 99% recovery rate, multiple networked systems with tape libraries of various sizes, in LAN, WAN, and SANS environments, organization and verification of logs, and catastrophe recover testing scenarios.

**PUBLICATIONS AND PAPERS**

"Digital Divide in Rural Native American Homes: A Student Perspective”, first Author, Social Inclusion Track Research paper proceedings – *Hawaii International Conference on System Sciences (HICSS)* – Maui, hi. (January 2024)

"Native American Rural Community Digital Divide: Student Insights” first Author, Social INclusion Track Research paper proceedings – *Americas Conference on information systems (AMCIS)* – Panama cit, Panama (August 2023)

"The Past Decade View of the IS Workforce and Gender Literature: A Systematic Review”, second Author, Social Inclusion Track Research paper proceedings – *Hawaii International Conference on System Sciences (HICSS)* – Maui, hi. (January 2022)

“Synergy Abstract presentation” – *International Association for Computer Information Systems (IACIS)* – Clearwater, fl. (October 2019)

“HOW WEARABLE TECHNOLOGY WILL REPLACE VERBAL AUTHENTICATION OR PASSWORDS FOR UNIVERSAL SECURE HEALTHCARE AUTHENTICATION” – *mIDWEST ASSOCIATION FOR INFORMATION SYSTEMS (MWAIs)*, sT. LOUIS, mO. (mAY 2018)

**speaker**

Minot Rotary MEeting – MInot, ND – Oct 2023

Lewis and Clark High School – Berthold, ND – May 2023

MINOT State University Club EVent – MSU Minot, ND – April 2023

Nedrose Junior High School – Minot, ND – April 2023

ND General Education Committee – MSU Minot, ND – April 2023

ND Legislative Session – ND State Capital – March 2023

ND Professional communicators – MSU Minot, ND – January 2023

Honorary COMMANDERS’ meetings – MSU Minot, ND – November 2022

CyberCon Panel Discussion Moderator – “Going to War with the US Military” - BSC Bismarck, ND – October 2022

BSC Gen Cyber EVent – INstructor – BSC Bismarck, ND – August 2022

MSU Board of Regents – MSU Minot, ND April 2022

MSU Community Dialogue – Surveillance Topic discussion – MSU Minot, ND May 2020

Good Talk online community topics show (topic: cyber Security) – December 2019

**Reviewer**

Americas Conference on Information Systems (AMCIS) - 2024

Hawaii International conference on systems sciences (HICSS) - 2023

Americas Conference on Information Systems (AMCIS) – 2023

Hawaii International Conference on Systems Sciences (HISCCS) - 2022

International Conference on Information Systems (ICIS) Virtual - 2020

Midwest Association for Information Systems (MWAIS) Virtual- 2020

International Association for Computer Information Systems (IACIS) VIRTUAL - 2020

**Conferences**

The Entrepreneurial Perspective: AI & Emerging Technologies - 2024

MAFB Cybersecurity OUtreach – Minot Air Force Base, Nd – Dec 2023

Elevate Conference – Fargo, ND – Nov 2023

Minot Career Expo – Minot, ND – Nov 2023

Nodakon 2023 – Minot, ND – Oct 2023 (Coordinator)

Cybercon 2023 – Bismarck, ND – Oct 2023

Americas Conference on Information Systems – Panama City, Panama - Aug 2023

Cybersecurity Faculty Incubator – Colorado Springs, CO – JUN 2023

Cyber Madness Jr High School Competition – Minot ND – November 2022

Minot Career Expo – Minot, ND - November 2022

nodakon v2.2 - october 2022 (coordinator)

Cybercon 2022 – October 2022

NCAE Symposium – Atlanta, GA August 2022

Cyber Madness State High School Cybersecurity competition – Bismarck, ND March 2022

Minot Career Expo – Minot ND November 2021

NODAKON v2.1 - October 2021 (Coordinator)

International Association for computer information systems (IACIS) – Clearwater, fl. October 2019

The Colloquium - For Information Systems Security Education (CiSSE) – Las Vegas, NV. August 2019

Americas Conference on Information Systems (AMCIS) – Virtual, August 2020

The Colloquium - For Information Systems Security Education (CiSSE) - virtual, August 2020

Midwest Association for Information Systems (MWAIS) – virtual, May 2020

Midwest Association for information systems (MWAIS), st. Louis, mo May 2018

The teaching professor – Atlanta, GA. May 2018

**Training / Faculty Development**

CAE k-12 Educator resource and training – Minot, ND Jul 2024

CAE Incubator Panel – Chicago, IL Sep 2023

CAE VIRTUAL Training – Autonomous Vehicles Aug 2023

CAE Virtual Training – Industrial Control Systems Security Aug 2023

CAE virtual Training – Cloud Security Aug 2023

CAE Virtual Training – Data Privacy July 2023

CAE Virtual Training – Artificial Intelligence July 2023

CAE Incubator Workshop – Colorado Springs, CO July 2023

DDA Instructor – DDA Two Day Jr/HIGH School Teacher Bootcamp – Bottineau, ND June 2023

CAE Threat Hunting – San Antonio, TX May 2023

CAE Cybersecurity Docker Scenarios – Pensacola, FL Aug 2022

CAE Cybersecurity Incident Response – Las Vegas, nV Aug 2022

CAE - CRRC Cybersecurity Offensive Pen Testing – St. Paul, MN May 2022

CAE - CRRC cybersecurity cloud security – online DSU summer 2021

CAE - CRRC cybersecurity advanced cybersecurity infrastructure – online dsu summer 2021

CAE - CRRC cybersecurity Infosec/network defense – Online DSU Summer 2020

CAE - CRRC Cybersecurity training on SCADA – St. Paul, mn. June 2019

CAE - CRRC cybersecurity training on Pen testing – Las Vegas, NV. August 2019

**Grants**

CAE - CRRC NSF – cyber training cybersecurity conference MINI grant - January 2020 (cybersecurity conference at MSU – Awareness town hall/women in cyber) - successful

CAE - CRRC nSF – cyber training cybersecurity course development grant - January 2020 (Cyberethics and cyberlaw) – Successful

**Committees**

MSU Faculty Senate – 2020, 2022, 2023

MSU Faculty Senate Executive Committee – 2023

MSU Ad-Hoc Digital Literacy Committee - 2023

MSU General Education Committee – 2021, 2022, 2023

MSU Parking Appeals Committee – 2022, 2023

NDUS General Education Committee – 2023

MSU SLAC General Education - Liason - 2022

TechND – Board Member – 2019 – PResent

TechND Workforce Committee – Chair 2023

**MEMBERSHIPS**

CAE-CD Designation – Point of Contact – 2022, 2023

Association of Information Systems (AIS) 2018 to present

Colloquium for Information Systems Security Education (CISSE) 2019 to present

Academic National CyberWatch Center – 2019 to present

National Cybersecurity Training & Education Center (NCYTE) 2020 to present

NCAE Consortium – 2022 - Present