1. Name

Dr. Wayne E Pauli

2. Education – degree, discipline, institution, year

2002 – 2005   Capella University   Minneapolis, MN
Ph.D. Organization and Management specialization in E-Business

1999 - 2001   Dakota State University   Madison, SD
Master of Science Information Systems – E-Commerce Specialization

1998-1999   Dakota State University   Madison, SD
Undergraduate Minor in Information Systems

1981-83   Colorado Graduate School of Banking   Boulder, CO
Non-Degreed Diploma

1973-1976   Northern State University   Aberdeen, SD
Bachelor of Science Degree in Business Administration

3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time

2015 – current   Dakota State University   Madison, SD
- Tenured Full Professor in the College of Computing

- Coordinator of the Cyber Security Doctoral program

- Graduate faculty member

- Serve on the Board of Trustees of the Dakota State University Foundation – chairing the Investment
  and finance committee and as a member of the Executive Committee

Member of many DSU committees, including Assessment, Scholarship, and Graduate Coordinators committee.

Created curriculum for Doctoral classes, CSC 803 and CSC 809. Chairing three dissertation committees and serving on 2 others as of this time.

2014 – 2015   Dakota State University   Madison, SD
- Associate tenured Professor in the College of Business and Information System

- Graduate faculty member

- Serve on the Board of Trustees of the Dakota State University Foundation – chairing the Investment
  and finance committee and as a member of the Executive Committee

Member of the following DSU committees: Scholarship Committee and Faculty Development.

2007 – 2014   Dakota State University   Madison, SD

- Director of the DSU Center of Excellence in CIS
- Associate Dean in the College of Business and Information Systems
- Associate tenured Professor in the College of Business & Information Systems
- Phi Eta Sigma National Honor Society faculty advisor
- MSIS / MSIA Graduate Faculty
- Vice President of the Board of Regents Information Technology Discipline Council
- Committee member and DSU representative to the Board of Regents system-wide Wireless Mobile Computing committee
- GS 100 instructor (Freshman Success) in the College of Business and Information Systems
- Faculty Advisor to the Dakota State University Student Senate
- College faculty mentor to new faculty members
- Serve on the Board of Trustees of the Dakota State University Foundation – chairing the Investment and finance committee and as a member of the Executive Committee

Member of the following DSU committees: Academic Council, CRAC, Assessment, Center of Excellence-Honors, University Research, Institutional Effectiveness, Scholarship Committee and Administrative

2006 – 2007   Dakota State University   Madison, SD
- Director of the DSU Center of Excellence in CIS
- Associate Dean in the College of Business and Information Systems
- Assistant Professor in the College of Business & Information Systems
- MSIS / MSIA / Dr. of Sc Graduate Faculty
- DSU representative to the SDBOR Information Technology Discipline Council
- Volunteer GS 100 instructor (Freshman Success) in the College of Business and Information Systems

Member of the following DSU committees: Academic Council, CRAC, Assessment, Writing Intensive, Institutional Effectiveness, and Administrative Council.

2005 – 2006   Dakota State University   Madison, SD
- Director of the DSU Center of Excellence in CIS
- Asst Professor in the College of Business & Information Systems
- MSIS / MSIA Graduate Faculty

Member of the following DSU committees: Academic Council, CRAC, Assessment, Graduate Council, Center of Excellence-Honors, University Research, and Administrative Council.

2004 – 2005   Dakota State University   Madison, SD
- Director of the DSU Center of Excellence in CIS
- Asst Professor in the College of Business & Information Systems
- MSIS / MSIA Graduate Faculty

Member of the following DSU committees: Athletic Department Strategic Planning, Academic Council, CRAC, Assessment, Graduate Council, Center of Excellence-Honors, and Administrative Council.

2003 – 2004   Dakota State University   Madison, SD
- Director of the DSU Center of Excellence in CIS

- Faculty member in the College of Business & Information Systems

- Appointed to the MSIS Graduate Faculty

Member of the following DSU committees: Academic Council, CRAC, Assessment, Graduate Council, Center of Excellence-Honors, WMCI Initiative, and Administrative Council.

2002 – 2003   Dakota State University   Madison, SD
- Director of the DSU Center of Excellence in CIS

- Faculty member in the College of Business & Information Systems

- Consulting faculty member for the NSF funded RITELink adult education training program

Member of the following DSU committees: Academic Council, CRAC, Assessment, Graduate Council, Center of Excellence-Honors, and Administrative Council.

2001 – 2002   Dakota State University   Madison, SD
- Director of the DSU Center of Excellence in CIS

- Faculty member in the College of Business & Information Systems

Member of the following DSU committees: Academic Council, CRAC, Assessment, Graduate Council, Center of Excellence-Honors, and Administrative Council.

- Consulting faculty member for the NSF funded RITELink adult education training program

- Assisted with the grant application for the MACSTECH Scholarship program. Funding was approved by NSF

4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time

Summer 2001   Schwan's Sales Enterprises   Marshall, MN
Developer – Client Services Development Team
- Utilized Microsoft Visual Basic in a real world environment

- Successful completion of Schwan's two-tier programming training

- Actual work experience in SDLC of an application

2000 – 2001   Dakota State University   Madison, SD
Graduate Assistant – Adjunct Faculty Instructor

- Instructor for two sections of CIS 130 Visual Basic (Fall 2000)

- Instructor for two sections of CIS 251 Visual Basic (Spring 2001)

- Distance delivery of CIS 130 to 33 students in 3 states and Germany

- Monitored online testing for students measuring computer skills

- Assisted in the registration of incoming students

- Assisted in the registration of existing students

- Assisted Athletic department by providing advising to potential student/athletes

1999 – 2000   Dakota State University   Madison, SD
Graduate Assistant – Instructor and Assistant Basketball Coach

- Instructor for two sections of Visual Basic programming

Conducted weekly review sessions on MS Office

Substitute teaching for C++ programming, COBOL Programming, and Introduction to Computers

Monitored online testing for college students measuring computer skills

Conducted training sessions on MS Windows and MS Office

Assistant Coach of the women's basketball team – team advanced to the Elite 8 of the NAIA National tournament

Head Junior Varsity Women's basketball coach

1998 – 1999   Dakota State University   Madison, SD

Assistant basketball Coach and Intramurals

Assistant Director of Intramural Activities

Assistant Coach of the women's basketball team

Monitored online testing for college students measuring computer skills

Supervised team study sessions for all student/athletes with GPA < 2.75

1993 – 1998   Self-Employed Business Owner   Graceville, MN

Coordinated the efforts of the public agencies of nine (9) counties in West Central Minnesota, on a contract basis, dealing with residential options and services for the frail-elderly of Minnesota

Ownership and management of a used vehicle sales and service business

1991 – 1993   First State Bank   Graceville, MN

President, Chief Operating Officer, and member of the Board of Directors

Managed an asset base of $14 Million dollars

Managed a loan portfolio of 8 Million Dollars

Managed an investment portfolio of $5 Million Dollars

1989 – 1991   Tri-County State Bank   Kimball, SD

Vice President and Manager

Managed an asset base of $20 Million dollars

Managed a loan portfolio of $12 Million Dollars

1986 – 1989   High Plains Bank   Elizabeth CO
Executive Vice President, Manager and Minority Owner

Managed an asset base of $15 Million Dollars

Managed a loan portfolio of $7 Million Dollars

Managed an investment portfolio of $6 Million Dollars

Member of the Board of Directors of a two bank holding company

1984 – 1986   First Fidelity Bank   Gregory, SD

Vice President and Manager

Doubled the size of this branch from $4 Million to $8 Million of assets

Loan portfolio increased in size from $1 Million to $3.5 Million Dollars

Member of the Board of Directors

1977 - 1984   First Fidelity Bank   Colome, SD
Vice President and Cashier

Began career as an Officer trainee

Managed bank owned Insurance Agency

Managed all internal bank operations

5. Certifications or professional registrations
None at this time

6. Current membership in professional organizations
None at this time

7. Honors and awards
None reported

8. Service activities (within and outside of the institution)

Serve on the Assessment Committee, Parking Committee, Graduate Council, and The DSU Foundation Board of Trustees. Chair of the Investment and Finance committee of the Foundation and also served on the Executive committee of the Foundation.
Completed external visits for DSU Sanford Health
        Avera
        SDN Communications
        Sioux Falls Chamber of Commerce
        Citibank
        Innovative Systems in Mitchell, SD
        Vantage Point Solutions in Mitchell, SD

co-faculty advisor to CSIAB (Cyber Security Industry Advisory Board). The board is made up of approximately 20 industry leaders of technology who are interested in security. The IAB meets twice annually.

2017 appointed the director of a regional resource center (CRRC) by the National Security Agency and Dakota State University consulting with other universities and colleges as they apply to become a Center of Academic Excellence in the discipline of Cyber Security (CAE-CDE, CAE-R, CAE-CO).

9. Briefly list the most important publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

NSF - $479,658 Wayne Pauli PI – Yong Wang Co-PI
Pauli has 1 summer month is 18, 19, and 20. Wang has a 1 summer month in 18, 19, and 20
A 3 year grant to develop content for cyber training which will be delivered online via Amazon Web Services for 3 audiences: students, faculty, and private sector professionals
Awarded the end of August 2017, development just starting. Student developers are being hired.
Promotion for summer of 2018 start date has begun within the CAE community.

NSA – $123,326 for 1 year beginning 2/1/17 and $216,462 for 1 year beginning 6/7/17. For a total of $339,788 CRRC Operation Wayne Pauli _ PI – Josh Pauli Co-PI
3 months summer 2017 buyout for W Pauli (Paid) AY buyout for J Pauli of $20,600
This is for two main items: 1) operation of the Regional Resource Center, and 2) Develop and deliver on a Professional Development workshop for 100 faculty members.
Resource Center work is ongoing, good working relationship with NSA and the CAE community.
Workshop has been setup. May 29 to June 2, 2018 – Downtown Holiday Inn in Sioux Falls. Contracts signed. Registration limited to 100, as of 9/12/17 registration numbers are: 65
This grant also has summer employment for: Stroschein, Ham, Cronin, Kramer, J. Pauli, and Welu. We are negotiating with a husband and wife team from New Jersey to help with one topic, and still have 1 opening to get to 8 faculty members.

NSA - $118,376.59 1 year beginning September 30, 2017. Wayne Pauli _ PI – Josh Pauli Co-PI
3 month summer 2018 buyout for W Pauli – AY 18-19 buyout for J Pauli of $20,600
NSA had extra money, and they wanted to make sure all CRRCs were funded till the end of the fiscal year, 9/30/18. Travel is the balance of the dollars in this grant. Basically the same funding as provided in the $123,326 grant above.

NSA - $258,448 for 1 year funding starting 9/15/17 for the Career and Technical Education Pilot Program
W Pauli – PI – C Pauli – Co-PI
W Pauli – has a 4-credit buyout for the 17-18 AY. Also using DSU faculty, Honomichl (3 months), Smith (3 months), and Klumper (3 months) There is 1 more faculty line available (approximately $17,000 in budget)
Area school districts have been identified for pilot participation. Sioux Falls, Madison, Howard, Brookings, Tri Valley, and Flandreau
We have money also for four (4) semesters of GA's. Plan is to use this as a recruiting tool into the MSET program, and have those students help with the roll out of the program.

NSA - $147, 989 for 1-year funding starting 9/15/17 for hands on learning experiences for workforce development. Wayne Pauli PI
W Pauli – has a 4-credit buyout for the 17-18 AY. Also, have hired 15 undergraduate researchers and have chosen 5 research projects (3 person teams). 2 projects from NSA, 2 from Johns Hopkins Applied Physics Lab, and 1 from Argonne National Lab.
Students will work 10 hours a week for 30 weeks on these research projects. They will give 4 live presentations during the 17-17 AY. This project replicates a project that we completed 2 years ago. NSA really likes this project.

10. Briefly list the most recent professional development activities

May/June 2018 created and delivered a four (4) course cyber security professional development workshop for 100 CAE designated colleges and universities from 27 states and Puerto Rico. Topics were Software Exploitation, Incidence Response, Cellular / Mobile Security, and Malware Analysis.

June 2017 – completed Mentor training for the CAE program. Have now mentored 3 institutions as they submit applications to become CAE-CDE designated schools