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## Barry Frew, Executive Directory: A Biography

Frew, Barry

Monterey, California: Naval Postgraduate School

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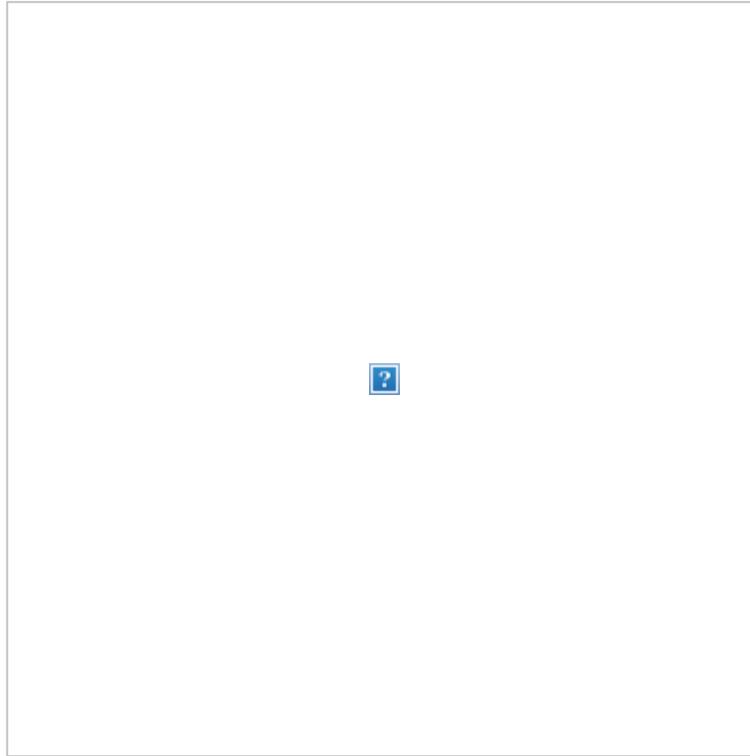


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## Barry Frew , Executive Director



 **BARRY FREW** was born on February 10, 1948 in Portland, Oregon. He grew up and attended high school in Roseburg, Oregon. He was educated at Miami of Ohio (BS in Applied Science), Naval Postgraduate School (MS in Computer Systems Management) and doctoral work at Golden Gate University in Public Administration.

 Barry has been involved in almost every facet of data processing and information management since 1968. This involvement spans many generations of hardware and software and many roles including accounting machines, data entry, computer operations, computer programming, systems analysis and design, data administration, training, computer acquisition, software engineering, computer assisted software engineering (CASE), networking, optical storage (CD-ROM) and multi-media applications. His experience as a manager includes a wide variety of environments including microcomputers, minicomputers, high performance workstations, mainframes, and supercomputers. He has taught several computer and information management courses at the undergraduate and graduate levels. In addition, he has consulted for private industry as well as state and federal government facilities.

 Barry joined the Information Technology Management faculty at the Naval Postgraduate School in 1984. He has held teaching positions as Instructor, Adjunct Professor, Assistant Professor, Associate Professor, and Dean. From his teaching positions he taught a variety of Computer Systems Management graduate courses, but was most noted for the capstone integrating Management Information Systems course. He was named Dean of Computer and Information Services in 1989 and served in that capacity until December of 1992. He was responsible for campus information management plans and strategies, budgets, and line management for the computer center, computer information security, telecommunications and networking, learning resource centers, campus library, and administrative computing. The school's environment included FDDI network cables using TCP/IP protocols. Many Wide Area Networks and several Local Area Networks were connected to this backbone. His tenure was highlighted by:

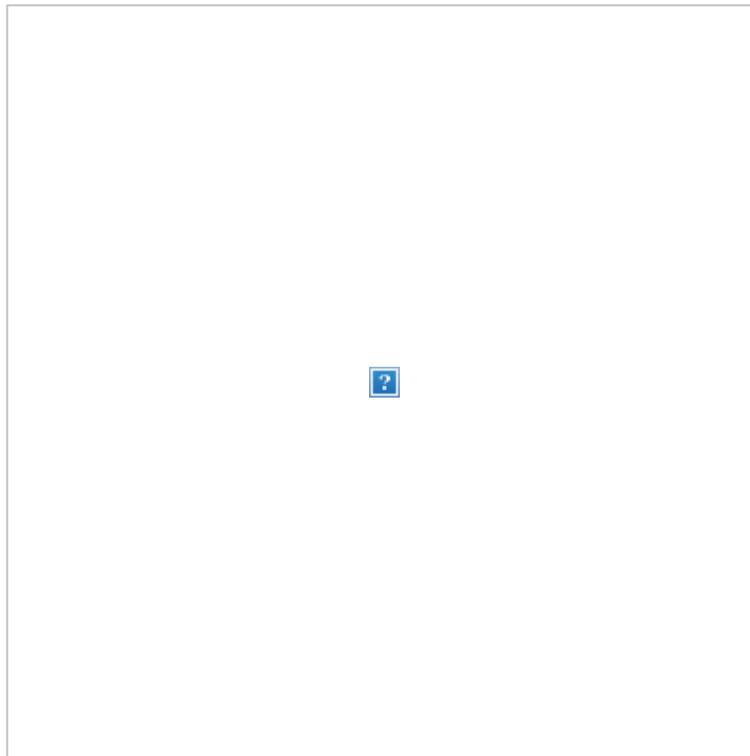
- established a multi-media visualization lab using an 8 processor Cray

- replaced the primary mainframe computer
- added two mass storage robots
- migrated many applications from the mainframe to a variety of UNIX-based workstations and hundreds of microcomputers
- increased the emphasis of network management
- focused on infrastructure improvement
- established Learning Resource Centers to support in-classroom use of computer and information technologies.

 Barry now focuses on the study of information technology's impact on society and administration. The study of how management of information resources address quality improvement inside political and organizational frameworks and whether information resources can be used to enhance the ability to manage in rapidly changing environments. This interest has led to working with and studying senior manager's and strategies for information resource allocation and use.



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