CURRICULUM VITAE

Rick Bunt, Ph.D.

University of Saskatchewan

rick.bunt@usask.ca

ACADEMIC CREDENTIALS

Ph.D., University of Toronto, Computer Science, 1975
M.Sc., University of Toronto, Computer Science, 1969
B.Sc. (Honours), Queen's University, Mathematics, 1968

POSITIONS HELD

Professor Emeritus, Department of Computer Science, September 1, 2014 to present
Chief Information Officer and Associate Vice-President, Information and Communications
    Technology, January 1, 2001 to August 31, 2013
Associate Dean (Science), College of Arts & Science, Acting, July 1, 2000 to December 31, 2000
Associate Dean (Academic), College of Arts & Science, Acting, July 1, 1998 to June 30, 1999
Head, Department of Computer Science, 1986-91
Department of Computer Science, 1972-present
    Professor Emeritus, 2014-present
    Professor, 1982-2014
    Associate Professor, 1975-81
    Assistant Professor, 1972-75

PROFESSIONAL ACTIVITY

BOARDS:
    Canadian University Council of CIO's (CUCCIO):
        Past-President, 2010-2012
        President, 2008-2010
        Vice-President, 2006-08
    CANARIE, Board Member, 2009-2014
    Compute Canada, Board Member, 2016-present
        Chair of Governance and Nominating Committee, 2016-present
        Chair of Working Group on Governance, 2016-present
    Council of Canadian Computer Science Chairs, Member of Executive, 1988-90.

COMMITTEES:
    Natural Sciences and Engineering Research Council (NSERC):
        Group Chair, Grant Selection Committees for Computing and Information Science, 2000-03.
        Committee on Research Grants (CORG), Member, 2000-03.
        College of Reviewers for Canada Research Chairs, Member, 2000-present.

Reallocation Steering Committee for Computing and Information Science, Member, 1997.
Allocations Committee, Member, 1992-94.
Grant Selection Committee for Computing and Information Science, Chair, 1991/92.
Grant Selection Committee for Computing and Information Science, Member, 1989-92.
Compute Canada:
Community Planning and Advocacy Council, Member, 2009-2012.
ACM SIGMETRICS:
Nominations Chair, 1996/97.
Computer Measurement Group (CMG):
Fellowship Selection Committee, Member, 1992.
Computer Science Advisory Board, Member, 1987-90.
CMG Canada, Scholarship Committee, Chair, 1989.

OTHER:
Minister's Advisory Council on Information Technology (MACIT), Province of Saskatchewan, Member, 2004-05.
Saskatchewan IT Sector Partnership Steering Committee, Member, 2000.
Information Technology Sectoral Task Force, Government of Saskatchewan, Department of Economic and Cooperative Development, Member, 1999-2000.
Lab Director's Executive Advisory Board, IBM Canada Laboratory, Member, 1991-98.
Joint Steering Committee on a Memorandum of Understanding between IBM and the Saskatchewan Department of Economic Diversification and Trade, Science and Technology Division, Member, 1990/91.

CONFERENCE COMMITTEES:
ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems:
General Chair, 1987 Conference, Banff, Alberta, May 1987.
Program Chair, 1994 Conference, Nashville, Tennessee, May 1994.
Tutorials Chair, 1990 Conference, Boulder, Colorado, May 1990.
Executive Co-Sponsor, 76th Annual Conference of the Canadian Federation for the Humanities and Social Sciences (Congress 2007), Saskatoon, May 2007.
Co-Chair, Canadian Banner Users Conference (CBUC 2005), Saskatoon, October 2005.
Technical Committee Co-Chair, ATM Networks: Technology, Standards, Trials and Applications, Vancouver, BC, January 1994.
(sponsors: NWCRF, TR*Labs*, BCASI, OCRI, TRIO).
Program Co-Chair, 1982 Canadian Information Processing Society (CIPS) National Conference, Saskatoon, May 1982.
Program Chair, 1981 Computer Science Association (Canada) National Conference, Waterloo, May 1981.

EXTERNAL REVIEWS AND SITE VISITS:
Reviews for NSERC:
Chair, Site Visit Team, NSERC Major Facilities Access (MFA) Proposal, University of Calgary (and 14 partner universities), February 2004.
Chair, Site Visit Team, Consortium for Software Engineering Research (CSER) Phase III, NSERC Collaborative Research and Development (CRD) Proposal, National Research Council, February 2002.

Member, Site Visit Team, NSERC Industrial Research Chair in Telecommunications Software Reliability Engineering in the Department of Electrical and Computer Engineering, University of Waterloo, September 1994.

Member, Site Visit Team, NSERC Research Partnerships Program, École Polytechnique, Montreal, December 1991.

Member, Site Visit Team, NSERC Industrial Research Chair in the Department of Systems and Computer Engineering at Carleton University, December 1990.

Reviews for Ontario Council on Graduate Studies (OCGS):

External Reviewer, Graduate Programs in Computer Science at Royal Military College, September 2007.

External Reviewer, Graduate Programs in Computer Science at the University of Western Ontario, March 2007.

External Reviewer, Proposed Ph.D. Program in Computer Science at York University, June 1995.

External Reviewer, Masters Program in Information and Systems Science at Carleton University, October 1993.

Other Reviews:

External Reviewer, IT Review, College of Physical and Engineering Science, University of Guelph, May 2016.

External Reviewer, IT Review, Ontario Veterinary College, University of Guelph, February 2012.

External Reviewer, IT Governance and Administration Review, University of Calgary (at the invitation of the Provost, A. Harrison), July 2010.

Assessor, IT Management, Association of Commonwealth Universities (ACU) benchmarking program, 2010.

Member, External Review Team, IT Organizational Review, University of the Fraser Valley (at the invitation of the Vice-President Administration, T. Segger), April 2010.

Member, External Review Team, IT Organizational Review, University of Guelph (at the invitation of the Provost, M. Mancuso), August 2004.

Member, External Review Team, IT Organizational Review, McMaster University (at the invitation of Dean P. Sutherland), October 2002.

Member, External Review Team, Department of Computer Science, University of Western Ontario (at the invitation of Dean F.J. Longstaffe), March 2002.

Chair, External Review Team, Department of Curriculum Studies, College of Education, University of Saskatchewan, November 2000.

Member of Computer Science Accreditation Council Review Team, reviewing the Department of Computer Science at York University, October 1995.

Member, External Review Team, Information Technology Research Centre of Ontario (ITRC) (a review conducted for the Ontario Ministry of Economic Development and Trade), October 1994.

External Reviewer, Department of Computer Science and Systems at McMaster University (at the invitation of Dean R.H. McNutt), March 1991.

External Reviewer, Graduate Program in the Department of Computer Science at the University of Calgary (at the invitation of Dean D.J. Bercuson), March 1991.

SELECTED PUBLICATIONS

PAPERS IN REFEREED JOURNALS:

R. Bunt and L. Pennock, 2006. Of Portals, Policies and Poets. *EDUCAUSE Quarterly,* Vol. 29, No. 2, April-June, 41-47.

L. Pennock and R. Bunt, 2005. `Whose System Is It, Anyway?' Partnering with Faculty in Administrative System Projects. *EDUCAUSE Quarterly*, Vol. 28, No. 2, April-June, 24-31. [winner of the 2005 Award for the *EDUCAUSE Quarterly* Contribution of the Year]

K.W. Froese and R.B. Bunt, 1999. Cache Management for Mobile File Service. *The Computer Journal*, Vol. 42, No. 6, 442-454.

V. Chikarmane, C.L. Williamson, R.B. Bunt and W. Mackrell, 1998. Multicast Support for Mobile Hosts Using Mobile IP: Design Issues and Proposed Architecture. *ACM/Baltzer Mobile Networks and Applications Journal (MONET)*, Vol. 3, Issue 4, 365-379.

C.L. Williamson, T. Harrison, W. Mackrell and R.B. Bunt, 1998. Performance Evaluation of the MoM Mobile Multicast Protocol. *ACM/Baltzer Mobile Networks and Applications Journal (MONET)*, Vol. 3, Issue 2, 189-201.

M.A. Bauer, J.P. Black, R.B. Bunt, A. El Rayess, P.J. Finnigan, T. Kunz, H.L. Lutfiyya, A.D. Marshall, P. Martin, G.M. Oster, W. Powley, J. Rolia, D. Taylor, and C.M. Woodside, 1997. Managing Distributed Applications and Systems: An Architectural Experiment. *IBM Systems Journal*, Vol. 36, No. 4, 508-526.

V. Chikarmane, C.L. Williamson and R.B. Bunt, 1995. Implementing Mobile IP Routing in 4.3 BSD Unix: A Case Study. *Internetworking: Research and Experience*, Vol. 6, No. 4, 209-227.

S. Majumdar, D.L. Eager and R.B. Bunt, 1991. Characterization of Programs for Scheduling in Multiprogrammed Parallel Systems. *Performance Evaluation*, Vol. 13, 109-130.

G.I. McCalla, R.B. Bunt and J.J. Harms, 1986. The Design of the SCENT Automated Advisor. *Computational Intelligence*, Vol. 2, No. 2, 76-92.

J.B. Peachey, R.B. Bunt, and C.J. Colbourn, 1985. Some Empirical Observations on Program Behaviour with Applications to Program Restructuring. *IEEE Transactions on Software Engineering*, Vol. SE-11, No. 2, 188-193.

R.B. Bunt and J.M. Murphy, 1984. The Measurement of Locality and the Behaviour of Programs. *The Computer Journal*, Vol. 27, No. 2, 238-245.

PAPERS IN FULLY REFEREED CONFERENCE PROCEEDINGS:

D. Zhang, R. Bunt and N. Osgood, 2010, The Achievable Cell Capacity in Cellular Wireless Mesh Networks", *Proc. MESH 2010*, Venice, Italy, July.

D. Zhang, R. Bunt and N. Osgood, 2009. Capacity Bounds for Cellular Wireless Mesh Networks, *Proc. Seventeenth Annual Meeting of the IEEE/ACM International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS 2009),* London, UK, September.

W. Wang, Y. Zhou and R.B. Bunt, 2004. HyLog: A High Performance Approach to Managing Disk Layout, *Proc. Third USENIX Conference on File and Storage Technologies (FAST '04)*, San Francisco, CA, April, 145-158.

D. Schwab and R.B. Bunt, 2004. Characterising the Use of a Campus Wireless Network, *Proc. Infocom 2004*, Hong Kong, March.

J. Mei and R.B. Bunt, 2003. Adaptive File Cache Management for Mobile Computing, *Proc. Fourth International Conference on Mobile Data Management (MDM 2003)*, Melbourne, Australia, January, 369-373.

W. Wang and R.B. Bunt, 2002. A Self-tuning Page Cleaner for DB2, *Proc. Mascots 2002, Tenth International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems,* Fort Worth, TX, October, 81-89.

N. Oke and R.B. Bunt, 2002. Hierarchical Workload Characterization for a Busy Web Server, *Proc. Tools 2002, Twelfth International Conference on Modelling Tools and Techniques for Computer and Communication System Performance Evaluation*, London, UK, April, 309-328.

W. Wang and R.B. Bunt, 2000. Simulating DB2 Buffer Pool Management, *Proc. CASCON 2000*, Toronto, ON, November, 88-97.

R.B. Bunt, D.L. Eager, G.M. Oster and C.L. Williamson, 1999. Achieving Load Balance and Effective Caching in Clustered Web Servers. *Proc. Fourth International Web Caching Workshop (WCW '99)*, San Diego, CA, April, 159-169.

Y. An and R.B. Bunt, 1998. An Experimental Study of DCE Performance in an ATM Environment. *Proc. CASCON 98*, Toronto, ON, December, 223-234.

D.P. Konkin, G.M. Oster and R.B. Bunt, 1998. Exploiting Software Interfaces for Performance Measurement. *Proc. WOSP 98, First Int. Symposium on Software and Performance*, Santa Fe, NM, October, 208-218.

K.W. Froese and R.B. Bunt, 1998. File Cache Management for Weakly Connected Mobile Clients. *Proc. Tools 98, Tenth International Conference on Modelling Techniques and Tools for Computer Performance Evaluation*, Palma de Mallorca, Spain, September, 219-230.

G.M. Oster and R.B. Bunt, 1997. Using Shim Technology to Monitor DCE Performance. *Proc. CASCON 97*, Toronto, ON, November, 96-107.

T.G. Harrison, C.L. Williamson, W.L. Mackrell, and R.B. Bunt, 1997. Mobile Multicast (MoM) Protocol: Multicast Support for Mobile Hosts. *Proc. Mobicom '97, Third International Conference on Mobile Computing and Networking*, Budapest, Hungary, September, 151-160.

Y. Sun, R.B. Bunt and G. Oster, 1997. Measuring RPC Performance in an OS/2 DCE Environment. *Proc. MASCOTS 97, Fifth International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems*, Haifa, Israel, January, 51-54.

K.W. Froese and R.B. Bunt, 1996. The Effect of Client Caching on File Server Workloads. *Proc. HICSS-29, The Hawaii International Conference on System Sciences*, Wailea, HI, January, 150-159. [nominated for Best Paper award]

V. Chikarmane, R.B. Bunt and C.L. Williamson, 1995. Mobile IP-based Multicast as a Service for Mobile Hosts. *Proc. Second International Workshop on Services in Distributed and Networked Environments (IEEE)*, Whistler, BC, June, 11-18.

K. Chen, R.B. Bunt and D.L. Eager, 1995. Write Caching in Distributed File Systems. *Proc. 15th International Conference on Distributed Computing Systems (IEEE)*, Vancouver, BC, May, 457-466.

K.L. Reid and R.B. Bunt, 1994. An Analysis of Space Priority Queueing in ATM Switches. *Proc. 13th Annual International Phoenix Conference on Computers and Communications (IEEE)*, Phoenix, AZ, March, 365-371. [A short version of this paper appears in *Proc. 1994 International Workshop on Modelling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS '94)*, Durham, NC, February, 74-78.]

N. Gulati, C.L. Williamson and R.B. Bunt, 1993. Local Area Network Traffic Locality: Characterization and Application. *Proc. First International Conference on LAN Interconnection*, Raleigh, NC, October, 233-250. [Proceedings published as *Local Area Network Interconnection* (eds. R.O. Onvural and R. Nilsson), Plenum Press, 1993]

D.L. Willick, D.L. Eager and R.B. Bunt, 1993. Disk Cache Replacement Policies for Network Fileservers. *Proc. 13th International Conference on Distributed Computing Systems (IEEE)*, Pittsburgh, PA, May, 2-11.

S.H. Ling, R.B. Bunt and D.L. Eager, 1991. Characterising Client-Server Workload on an Ethernet. *Proc. CMG '91 Conference*, Nashville, TN, December, 59-69. [nominated for J. William Mullen best paper award]

R. Bodnarchuk and R.B. Bunt, 1991. A Synthetic Workload Model for a Distributed System File Server. *Proc. 1991 ACM SIGMETRICS Conference on Measurement and Modeling of Computer Systems*, San Diego, CA, May, 50-59.

M.S. McDonald and R.B. Bunt, 1989. Improving File System Performance by Dynamically Restructuring Disk Space. *Proc. 8th Annual International Phoenix Conference on Computers and Communications (IEEE)*, Phoenix, AZ, March, 264-269.

J.M. Murphy and R.B. Bunt, 1988. Characterising Program Behaviour with Phases and Transitions. *Proc. 1988 ACM SIGMETRICS Conference on Measurement and Modeling of Computer Systems*, Santa Fe, NM, May, 226-234.

S. Majumdar, D.L. Eager, and R.B. Bunt, 1988. Scheduling in Multiprogrammed Parallel Systems. *Proc. 1988 ACM SIGMETRICS Conference on Measurement and Modeling of Computer Systems*, Santa Fe, NM, May, 104-113.

M.B. Deshpande and R.B. Bunt, 1988. Dynamic File System Management. *Proc. 7th Annual Phoenix Conference on Computers and Communications (IEEE)*, Phoenix, AZ, March, 86-92.

S. Majumdar and R.B. Bunt, 1986. Measurement and Analysis of Locality Phases in File Referencing Behaviour. *Proc. Performance '86 and ACM SIGMETRICS '86 Joint Conference on Computer Performance Modelling, Measurement and Evaluation*, Raleigh, NC, May, 180-192.

G.I. McCalla, R.B. Bunt and J.J. Harms, 1986. Diagnosis of Non-Syntactic Programming Errors in the SCENT Advisor. *Proc. 6th Canadian Artificial Intelligence Conference*, Montreal, P.Q., May, 109-116.

S.R. Tourigny, C.L. Williamson and R.B. Bunt, 1986. The Effect of UNIX Swap Limiters: A Statistical Experiment. *Proc. CIPS '86 Conference*, Vancouver, B.C., May, 95-102.

C.L. Williamson and R.B. Bunt, 1986. Characterizing Short-Term File Referencing Behaviour. *Proc. 5th Annual Phoenix Conference on Computers and Communications (IEEE)*, Phoenix, AZ, March, 651-660.

S.P. Dandamudi and R.B. Bunt, 1985. Refined Models of Program Behaviour for Improved Memory Management. *Proc. HICSS-18, The Hawaii International Conference on System Sciences*, Honolulu, HI, January, 523-530. [selected for Best Paper competition]

D.R. Peachey, R.B. Bunt and C.L. Williamson, 1984. Taming the UNIX Scheduler. *Proc. CMG-XV, International Conference on Management and Performance Evaluation of Computer Systems*, San Francisco, CA, December, 332-336.

R.B. Bunt, J.M. Murphy and S. Majumdar, 1984. A Measure of Program Locality and its Application. *Proc. 1984 ACM SIGMETRICS Conference on Measurement and Modeling of Computer Systems*, Cambridge, MA, August, 28-40.

D.R. Peachey, R.B. Bunt, C.L. Williamson and T.B. Brecht, 1984. An Experimental Investigation of Scheduling Strategies for UNIX. *Proc. 1984 ACM SIGMETRICS Conference on Measurement and Modeling of Computer Systems*, Cambridge, MA, August, 158-166.

J.M. Murphy and R.B. Bunt, 1984. An Investigation of Locality Phases. *Proc. HICSS-17, The Hawaii International Conference on System Sciences*, Honolulu, HI, January, 354-361. [Honourable mention as best paper in Software stream]

J.B. Peachey, R.B. Bunt and C.J. Colbourn, 1983. Towards an Intrinsic Measure of Program Locality. *Proc. HICSS-16, The Hawaii International Conference on System Sciences*, Honolulu, HI, January, 128-137. [Honourable mention as best paper in Software stream]

R.B. Bunt, R.S. Harbus and S.J. Plumb, 1982. The Effective Management of Paging Storage Hierarchies. *Proc. 1982 ACM SIGMETRICS Conference on Measurement and Modeling of Computer Systems*, August, Seattle, WA, 30-38.

BOOKS AND BOOK CHAPTERS:

D. Schwab and R. Bunt, 2006. Understanding the Use of a Campus Wireless Network. In Mobile, Wireless and Sensor Networks: Technology, Applications and Future Directions [eds. Rajeev Shorey, Chan Mun Choon, Ooi Wei Tsang and A. Ananda], John Wiley & Sons, March, 29-43.

J.P. Tremblay and R.B. Bunt, 1989. Introduction to Computer Science: An Algorithmic Approach (Second Edition), McGraw-Hill Book Company, 806 pp.

J.P. Tremblay, J.M. DeDourek, and R.B. Bunt, 1989. Introduction to Computer Science: Pascal Edition, McGraw-Hill Book Company, 961 pp.

J.P. Tremblay, R.B. Bunt and P.G. Sorenson, 1985. Logique de Programmation: Initiation a L'approche Algorithmique, (French translation), McGraw-Hill, 497 pp.

R.B. Bunt, 1984. Scheduling Techniques for Operating Systems. In Distributed Computing: Concepts and Implementations (eds. P.L. McEntire, J.G. O'Reilly and R.E. Larson), IEEE Press, 87-94.

J.P. Tremblay, R.B. Bunt and L.M. Opseth, 1984. Pascal Estructurado. (Spanish translation), Libros McGraw-Hill de Mexico, 419 pp.

J.P. Tremblay and R.B. Bunt, 1983. Ciencia Dos Computadores: Uma Abordagem Algoritmica. (Portugese translation), Editora McGraw-Hill do Brasil, 383 pp.

J.P. Tremblay and R.B. Bunt, 1982. Introduction a la Ciencia de las Computadoras: Enfoque Algoritmico. (Spanish Translation), McGraw-Hill Book Co., 486 pages.

J.P. Tremblay and R.B. Bunt, 1981. An Introduction to Computer Science: Short Edition. McGraw-Hill Publishing Co., 426 pp.

J.P. Tremblay, R.B. Bunt and L.M. Opseth, 1980. Structured Pascal. McGraw-Hill Publishing Co. 408 pp.

J.P. Tremblay and R.B. Bunt, 1979. Structured FORTRAN (WATFIV-S) Programming. McGraw-Hill Publishing Co. 421 pp.

J.P. Tremblay, R.B. Bunt and J.A. Richardson, 1979. Structured PL/I (PL/C) Programming. McGraw-Hill Publishing Co. 440 pp.

J.P. Tremblay and R.B. Bunt, 1979. An Introduction to Computer Science: An Algorithmic Approach. McGraw-Hill Publishing Co. 636 pp.

SELECTED CONFERENCE PRESENTATIONS

J. Schaeffer and R. Bunt, 2011. The New National Dream: A Vision for Digital Infrastructure in Canada. Canadian Higher Education IT Conference (CANHEIT 2011), June, Hamilton, ON.

R. Bunt and E. Pokraka, 2011. Small is the Next Big Thing: Supporting a Mobile Strategy. Canadian Higher Education IT Conference (CANHEIT 2011), June, Hamilton, ON.

R. Bunt, M. Shukla and S. Knapp, "Portals: An Antidote to IT Invisibility", SunGard HE Summit 2010, April, San Francisco, California.

R. Bunt, L. MacMullen and S. Reynolds, 2009. The Canadian Access Federation: What Is It and Why Should You Care? CAUBO 2009, June, Ottawa, ON.

R. Bunt, H. Esche and M. Roman, 2009. Governing the Ungovernable: Principles and Practices of IT Governance. Canadian Higher Education IT Conference (CANHEIT 2009), June, Montréal, PQ

M. Shukla, S. Knapp and R. Bunt, 2008. Sailing the Seven C's with a Campus IT Project: A Voyage of Epic Proportions. Canadian Higher Education IT Conference (CANHEIT 2008), June, Calgary, AB.

L. Pennock and R. Bunt, 2005. 'Whose System Is It, Anyway?' Partnering with Faculty in Administrative System Projects. Canadian Banner Users Conference (CBUC 2005), October, Saskatoon, SK.

J. Edwards, S. Scott and R. Bunt, 2005. Your Campus Portal: Policy and Process Planning. Canadian Banner Users Conference (CBUC 2005), October, Saskatoon, SK.

R. Bunt, 2005. Portal Delivery: A Bold Approach. Canadian Higher Education IT Conference (CANHEIT 2005), June, Montréal, PQ.

R. Bunt and J. Moore-Wright, 2005. Portal Delivery: A Bold Approach. SunGard SCT Summit Conference, March, Honolulu, HI.

R. Bunt, and J. Moore-Wright, 2004. Ready, Fire, Aim! A Bold Approach to Implementing a Campus Portal. Canadian Banner Users Conference (CBUC 2004). September. Montreal, PQ.

L. Pennock and R. Bunt, 2004. Making Partners of Academic Colleagues in Administrative System Projects. Canadian Association of University Business Offices Annual Conference (CAUBO 2004). June. Saskatoon, SK.

RESEARCH GRANTS

(PRINCIPAL INVESTIGATOR UNDERLINED ON JOINTLY HELD GRANTS)

NSERC GRANTS:
Discovery Grant, *Performance Issues in Mobile Computing*, 2004-09:

$41,700	2004-09	(five-year grant)

Research Grant, *Performance Issues in Distributed Computing Environments*, 1996-2004:

$38,850	1999-04	(five-year grant)
$33,500	1996-99	(three-year grant)

Research Grant, *Quantitative Aspects of Computer Systems Performance*, 1989-96:

$36,000	1992-96	(four-year grant)
$28,295	1989-92	(three-year grant),

Infrastructure Grant, *Computational Science Research Laboratory*, 1989-98, [R.B. Bunt, M. Abd-El-Barr, D.L. Eager, W.K. Grassmannn, J.E. Greer, J.M. Keil, A.J. Kusalik, G.I. McCalla, C.D. McCrosky, E.M. Neufeld, J.P. Tremblay, C.L. Williamson, and H.Yang]:

$23,750	1997/98	(three-year phase-out award), 1995-98
$47,500	1996/97	(three-year phase-out award), 1995-98
$71,250	1995/96	(three-year phase-out award), 1995-98
$95,000	1992-95	(three-year grant)
$81,000	1989-92	(three-year grant)

Equipment Grant, *Workgroup ATM Switch for DISCUS Research Laboratory* , 1996, [C.L. Williamson, R.B. Bunt and D.L. Eager]: $30,757

Cooperative Activities Grant, *Management of Distributed Applications*, 1994-96, [R.B. Bunt and D.L. Eager, with IBM Canada and researchers from four Ontario universities]: $53,000   (Saskatchewan portion of three-year grant)

IOR Grant, *Performance Issues in High Speed ATM Networks*, 1994-96,
    [R.B. Bunt, D.L. Eager, and C.L. Williamson, with TR*Labs*]: $44,400
Strategic Grant, *The Performance Analysis of Distributed Computer Systems*, 1989-92,
    [D.L. Eager, R.B. Bunt]: $55,000
Strategic Equipment Grant, *Distributed Systems Performance Laboratory*, 1989,
    [D.L. Eager, R.B. Bunt]: $56,424.
Equipment Grant, *Research File Server*, 1988,
    [R.B. Bunt, M. Abd-El-Barr, D.L. Eager, W.K. Grassmann, J.E. Greer, G.I. McCalla,
    C.D. McCrosky, P.G. Sorenson, and J.P. Tremblay]: $93,307

Research Grant, *Adaptive Algorithms for Resource Allocation*, 1976-89:

$23,295	1986-89	(three-year grant)
$21,177	1983-86	(three-year grant)
$15,000	1981/82	
$14,000	1980/81	
$14,900	1979/80	
$13,200	1978/79	
$9,500	1977/78	
$6,500	1976/77	

Infrastructure Grant, *Computational Science Research Laboratory*, 1983-89,
    [P.G. Sorenson, R.B. Bunt, D.L. Eager, J.M. Keil, W.K. Grassmann, G.I. McCalla,
    J.P. Tremblay, and Y.H. Yang]:

$74,000	1986-89	(three-year grant)
$54,600	1983-86	(three-year grant)

Conference Grant (for 1987 ACM SIGMETRICS Conference), $5,500, 1987
Equipment Grant, *Computational Science Research Laboratory Upgrade*,
    [P.G. Sorenson, R.B. Bunt, D.L. Eager, J.M. Keil, G.I. McCalla, J.P. Tremblay, H. Yang],
    $245,388, 1985
Equipment Grant, *Systems Performance Laboratory*,
    [R.B. Bunt and D.L. Eager], $56,288, 1985
Equipment Grant, *Computational Science Research Laboratory*,
    [P.G. Sorenson, R.B. Bunt, J.P. Tremblay, G.I. McCalla], $49,500, 1982.

OTHER GRANTS:
  CFI Innovation Fund:
    Developing the University of Saskatchewan Research Network–USR-net
      (R.B. Bunt, project leader):

$4,788,386	2003	Province of Saskatchewan portion (Innovation and Science Fund)
$4,788,386	2002	CFI portion

    Experimental Laboratory for Internet Systems and Applications–ELISA
      (C.L. Williamson, R.B. Bunt and D.L. Eager):

$615,704	2003	Province of Saskatchewan portion (Innovation and Science Fund)
$615,704	2003	Province of Alberta portion (Innovation and Science Research Investment Program)
$1,215,482	2002	CFI portion

IBM Canada Research Grant, *Paging Performance in DB2*

$25,000	2001
$25,000	2000
$25,000	1999
$12,500	1998

IBM Canada Research Grant, *Distributed Systems Performance*:

$25,000	1996
$22,000	1995
$16,000	1994

CANARIE, Advanced Network Applications, *Design and Performance Evaluation of the National Web Caching Infrastructure for CA*net II* (C.L. Williamson, R.B. Bunt and D.L. Eager):

$65,000	1998/99

Hewlett-Packard Research Grant, *Performance and Design Issues in Client-Server Clusters*, [R.B. Bunt, D.L. Eager and C.L. Williamson]:

$50,000 in equipment	1996
$147,710 cash/equipment	1995

HONOURS AND AWARDS

Named a Senior Member of ACM (Association for Computing Machinery), 2009

EDUCAUSE Quarterly Contribution of the Year Award (with Lea Pennock) for the article "Whose System Is It, Anyway? Partnering with Faculty in Administrative System Projects", 2005

Recognized by NSERC for 25 years of continuous funding, February 2004.

Nominated for Best Paper award, HICSS-29 Conference, Wailea, HI, January 1996.

Nominated for J.W. Mullen Best Paper Award, CMG '91 Conference, Nashville, December 1991.

Saskatchewan Squash, Personality of the Year, 1987

Professor of the Year, University of Saskatchewan Computer Science Students Society, May 1985.

Selected for Best Paper Competition, HICSS-18 Conference, Honolulu, HI, January 1985.

Honourable Mention, Best Paper in Software Stream, HICSS-17 Conference, Honolulu, January 1984.

Honourable Mention, Best Paper in Software Stream, HICSS-16 Conference, Honolulu, January 1983.