

Curriculum Vitae

Dr Russell Greiner

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Languages: English

Academic Background and Training

Degree / Specialty Training Type	Degree Name	Organization	Country	Date received MM/YYYY
Doctorate (PhD) Artificial Intelligence	Computer Science	Stanford University	UNITED STATES	06/1985
Master's	Computer Science	Stanford University	UNITED STATES	06/1979
Bachelor's	Mathematics & Computer Science	California Institute of Technology	UNITED STATES	06/1976

Distinctions and Credentials

Distinction

McCall Professorship, University of Alberta, Canada, Effective: 07/2005, Ending: 06/2006, \$10,000
Founding Director, Alberta Ingenuity Centre for Machine Learning, Canada, Effective: 09/2002, Ending: 04/2007, \$6,000,000

Work Experience

Position	Organization Department	Country	Start Date - End Date (MM/YYYY)
Consultant	ChenomX	CANADA	01/2001 -
Consultant	BioTools	CANADA	06/1999 - 12/2000

Work Experience

Position	Organization Department	Country	Start Date - End Date (MM/YYYY)
Full Professor	University of Alberta Computing Science	CANADA	11/1997 -
Senior Member of Technical Staff	Siemens Corporate Research	UNITED STATES	10/1995 - 10/1997
Research Scientist	Siemens Corporate Research	UNITED STATES	01/1992 - 09/1995
Visiting Professor	University of Toronto Computer Science	CANADA	07/1988 - 12/1991
Research Scientist	University of Toronto Computer Science	CANADA	10/1985 - 06/1988
Research Assistant	Stanford University Computer Science	UNITED STATES	10/1977 - 09/1985
Consultant	The Rand Corporation	UNITED STATES	03/1981 - 10/1981
Programmer Analyst	IBM	UNITED STATES	12/1976 - 09/1977
Programmer Analyst	Coast Community College District	UNITED STATES	12/1973 - 12/1976

Expertise

My research interests are in the following areas:

Artificial Intelligence; Data Mining; Machine Learning; Probabilistic Modelling

Areas of Discipline

These are the disciplines that best correspond to my research interests:

Main discipline	Sub Discipline
. ARTIFICIAL INTELLIGENCE	Learning and Inference Theories
. ARTIFICIAL INTELLIGENCE	Knowledge Representation
. INFORMATION TECHNOLOGY : COMPUTER SCIENCE	

Research Support and Funding

Support Period	Title	Program Name Organization	Principal Investigator	Co-Applicant	Total Amount
04/2007 - 03/2010	Creation of the Transplant Laboratory Centre in the emerging Alberta Transplant Institute	CFI New Initiative Fund - Canada Foundation for Innovation (CFI)	Halloran, Philip (PI) & 8 others	Russell Greiner	\$5,064,408

Research Support and Funding

Support Period	Title	Program Name Organization	Principal Investigator	Co-Applicant	Total Amount
04/2007 - 03/2010	Creation of the Transplant Laboratory Centre in the emerging Alberta Transplant Institute	Alberta Science and Research Investments Program - Alberta Science and Research Authority	Halloran, Philip (PI) & 9 others	Russell Greiner	\$4,134,936
04/2007 - 03/2010	Genome-Wide Single Nucleotide Polymorphism Based Association Studies in Metastatic Breast Cancer	Alberta Breast Cancer Research Initiative - Alberta Cancer Board	Mackey, J. (PI); Damaraju, S.; Tuszyński, J.	Russell Greiner	\$1,151,363
04/2005 - 03/2008	Molecular profile of cachexia in patients with cancer	Operating Grant - Alberta Cancer Board	Baracos, Vickie (PI), and 6 others	Russell Greiner	\$125,000
04/2006 - 03/2008	Identification of Clinically Occult Glioma & characterization of Glioma Behavior	Research Initiative Program - Alberta Cancer Board	Murtha, Albert; Greiner R & 9 others	Russell Greiner	\$583,000
04/2006 - 03/2008	A Genome-Wide Search for Identification of Breast Cancer Risk Factors and Prognostic Markers using Single Nucleotide Polymorphisms	Alberta Breast Cancer Research Initiative - Alberta Cancer Board	Damaraju, Sambasivarao (PI), and 5 others	Russell Greiner	\$409,338
01/2005 - 12/2007	Diagnostic Application of Microarrays in Organ Transplantations	Biomedical/Health - Genome Canada	Halloran, Philip (PI) & 5 others	Russell Greiner	\$12,600,000
09/2002 - 09/2007	Alberta Ingenuity Centre for Machine Learning	Ingenuity Centre Fund - Alberta Ingenuity Fund (Alberta Heritage Foundation for Science and Engineering Research)	Russell Greiner		\$6,000,000
04/2005 - 03/2007	Human Metablome Project	Applied Genomics & Proteomics Research in Human Health - Genome Canada	Wishart, D (PI) and 7 others	Russell Greiner	\$5,100,000
01/2003 - 10/2006	Harnessing the Web for Canadian Competitiveness	Reserch Alliance Letter of Intent - Social Sciences and Humanities Research Council of Canada (SSHRC)	Messinger Paul (PI) and 11 others	Russell Greiner	\$900,000
06/2004 - 06/2006	Novel genetic markers of breast cancer risk	Canada Breast Cancer Foundation - Alberta Cancer Board	Mackey, John (PI) and 5 others	Russell Greiner	\$198,000
06/2004 - 06/2006	Beta retrovirus and breast cancer serologic & genetic markers of infections	Canada Breast Cancer Foundation - Alberta Cancer Board	Mackey, John and 5 others	Russell Greiner	\$163,200
04/2002 - 03/2006	Learning and Adaptive Algorithms	Discovery Grant - Natural Sciences and Engineering Research Council of Canada (NSERC)	Russell Greiner		\$160,000
04/2003 - 03/2006	Exploring genomic, proteomic and determinants of late toxicity	Research Initiative Program - Alberta Cancer Board	Parliament, Matthew (PI) and 5 others	Russell Greiner	\$240,000
04/2003 - 03/2005	Proteomic analysis of human breast cancers: discrimination of estrogen receptor and HER-2 driven tumors	Funding - Alberta Cancer Board	Mackey John (PI) and 5 others	Russell Greiner	\$450,000

Research Support and Funding

Support Period	Title	Program Name Organization	Principal Investigator	Co-Applicant	Total Amount
04/2002 - 03/2004	Intelligent Agents in Commercial Computer Games	Operating - IRIS - The Visual Group	Schaeffer J, Szafron D, Holte R, Greiner R	Russell Greiner	\$480,000
04/2003 - 03/2004	Training Grant	Training Grant - Canadian Institutes of Health Research (CIHR)	Cass C and 37 others	Russell Greiner	\$300,000
01/1998 - 01/2002	Learning Effective Performance Systems	Operating Grant - Natural Sciences and Engineering Research Council of Canada (NSERC)	Russell Greiner		\$138,600