

CURRICULUM VITAE

May 3, 2024

Karen A Kopciuk

I. BIOGRAPHICAL DATA

Cancer Epidemiology and Prevention Research
Cancer Care Alberta, Alberta Health Services
521 Holy Cross Centre
2210 – 2nd Street SW
Calgary, Alberta, T2S 3C3
Tel: (403) 698-8051

Present Rank:

Research Scientist II

University of Calgary:

Adjunct Associate Professor

Departments:

Oncology, Community Health Sciences
Mathematics and Statistics
Faculties of Medicine, Science

Karen.Kopciuk@albertahealthservices.ca

II. ACADEMIC RECORD

1992 BSc, (First Class Honors) Psychology, University of Calgary, Calgary, Alberta, Canada
1994 BSc, (with Distinction) Statistics, University of Calgary, Calgary, Alberta, Canada
1995 M.Math, Statistics, University of Waterloo, Waterloo, Ontario, Canada
2001 Certificate in University Teaching, University of Waterloo, Waterloo, Ontario, Canada
2001 PhD, Statistics, University of Waterloo, Waterloo, Ontario, Canada
2003 Post-doctoral Fellow, Statistical Genetics and Genetic Epidemiology, Samuel Lunenfeld Research Institute of Mount Sinai Hospital, Toronto, Canada

III. AWARDS AND DISTINCTIONS

2020 Distinguished Service Award, Statistical Society of Canada
2019 Faculty of Science, Award of Excellence in Community Engagement Nominee, University of Calgary
2000 Graduate Scholarships, University of Waterloo
1999 Graduate Teaching Assistant Award for outstanding achievement, University of Waterloo, Department of Statistics and Actuarial Science
1999 Graduate Scholarships, University of Waterloo
1998 Graduate Scholarships, University of Waterloo
1997 Graduate Teaching Assistant Award for outstanding achievement, University of Waterloo, Department of Statistics and Actuarial Science
1992 Academic Achievement Award, University of Calgary
1990 Bursary for Post-Secondary Students, Calgary Co-operative

IV. ACADEMIC APPOINTMENTS

2022 – present Adjunct Professor, Departments of Community of Health Sciences, Oncology and Mathematics and Statistics, University of Calgary, Calgary, Alberta, Canada
2018 - 2021 Lead, Foundations Division, Department of Community Health Sciences, University of Calgary, Calgary, Alberta, Canada
2019 - present Adjunct Associate Professor, Community Health Sciences, University of Calgary, Calgary, Alberta, Canada
2015 - present Full member, O'Brien Institute for Public Health, Alberta, Canada
2013 - present Adjunct Associate Professor, Mathematics and Statistics, University of Calgary, Calgary, Alberta, Canada
2013 - present Adjunct Associate Professor, Oncology, University of Calgary, Calgary, Alberta, Canada

2007 - present	Scientific Staff, Tom Baker Cancer Centre, Alberta Health Services, Calgary, Alberta, Canada
2005 - present	Full member, Arnie Charbonneau Cancer Research Institute, Alberta, Canada
2003 - present	Research Scientist, Division of Population Health Research, Cancer Care Alberta, Alberta Health Services, Calgary, Alberta, Canada
2006 - 2013	Adjunct Assistant Professor, Oncology, University of Calgary, Calgary, Alberta, Canada
2003 - 2013	Adjunct Assistant Professor, Mathematics and Statistics, University of Calgary, Calgary, Alberta, Canada

V. EDUCATIONAL ACTIVITIES

i. Undergraduate

Teaching-Course

2020 STAT 431 Introduction to Biostatistics, Course co-instructor

Teaching-Lecture

2022 STAT 431 Introduction to Biostatistics, Introduction to Genetic Epidemiology, two lectures, University of Calgary

2021 STAT 431 Introduction to Biostatistics, Introduction to Genetic Epidemiology, two lectures, University of Calgary

2008 CMMB 413 Statistical Genetics: How useful is CMMB without the Math? Human Genetics course, Lecture, University of Calgary

Student Supervision (Primary supervisor bolded)

2022 **Zoha Shehzad**, BHSc, University of Calgary, Mentor

2022 **Ilana Lebon**, BHSc, Summer Research Project Supervisor

2021 **Meghan Macphail**, BSc Kinesiology, Summer Research Project Supervisor

2020 **Jana Osea**, BSc Statistics, Breast Cancer Stage at Diagnosis: Validation of Alberta Results Summer Research Project.

- Program for Undergraduate Research Experience (PURE) Award

2020 **Xiangyu Wang**, BSc Mathematics and Applied Mathematics, China University of Petroleum (East China), Thesis Supervisor. *Automated identification and quantification of NMR-derived metabolites*

- China University of Petroleum (East China) – full study scholarship from UPC

2020 **Monica Ghebrial**, Factors associated with lung and colorectal cancer stage at diagnosis, Summer Research Project

2019 – 2020 **Monica Ghebrial**, BSc Health Sciences, *Investigating the Relationship between Obesity & Inflammatory Markers in Breast Cancer from a Menopausal Perspective*. University of Calgary, Thesis Supervisor

2019 **Jana Osea**, BSc Statistics, Evaluating the Changes in Women's Lifestyle Choices After Breast Cancer Diagnosis, Summer Research Project.

- Alberta Innovates Summer Research Studentship Award
- Markin Undergraduate Summer Research Program in Health & Wellness (declined)

2018 - 2019 **Monica Ghebrial**, BSc Health Sciences, MDSC 528: Obesity and Breast Cancer, Independent Study course.

2018 **Hongsheng Hu**, BSc Mathematics and Applied Mathematics, China University of Petroleum (East China), Thesis Supervisor.

- China University of Petroleum (East China) – full study scholarship from UPC

- 2017 - 2018 **Amit Manocha**, BSc Health Sciences, *The impact of serum vitamin D on systemic bone-related inflammatory biomarkers in breast cancer patients at diagnosis*. University of Calgary, Thesis Supervisor
- University of Calgary Student Union Undergraduate Research Symposium, Cumming School of Medicine Pathology/Disease Research award (\$1000, poster presentation)
- 2016 Daniel Chen, BSc Actuarial Science, Emerging Leaders Program, University of Calgary, Mentor
- 2015 Emily Kuervers, BEng Engineering, Emerging Leaders Program, University of Calgary, Mentor
- 2015 **Taylor Scory**, BSc Biology/Statistics, NL Type X family data project, University of Calgary
- 2014 Alexander Le, BSc Biology, Emerging Leaders Program, University of Calgary, Mentor
- 2014 **Danny Lu**, BSc Statistics, Family Data R package
- 2013 - 2014 Tayyaba Tahir, BSc Biology, Emerging Leaders Program, University of Calgary, Mentor
- 2013 **Danny Lu**, BSc Statistics, feature selection methods evaluation for high dimensional data
- USRA NSERC Award
- 2012 - 2013 Janessa Bretner, BSc Biology, Emerging Leaders Program, University of Calgary, Mentor
- 2011 **Derek Leugner**, BSc Statistics, Project: Investigating cytokine patterns in colorectal cancer patients with liver metastases
- 2005 **Cynthia (Xin) Zheng**, BSc Statistics, Project: Comparative methods for discovering breast cancer predictive SNPs
- AHFMR Summer Studentship Award

ii. Graduate

Teaching-Courses

- 2024 STAT 533/633 – Survival Analysis. Taught nonparametric estimation of survivor & cumulative risk functions. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Eleven graduate students and 25 undergraduate students were registered in this course. Course co-instructor, University of Calgary.
- 2023 STAT 533/633 – Survival Analysis. Taught nonparametric estimation of survivor & cumulative risk functions. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Ten graduate students and 22 undergraduate students were registered in this course. Course co-instructor, University of Calgary.
- 2022 STAT 533/633 – Survival Analysis. Taught nonparametric estimation of survivor & cumulative risk functions. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Eight graduate students and 20 undergraduate students were registered in this course. Course co-instructor, University of Calgary.
- 2021 STAT 533/633 – Survival Analysis. Taught nonparametric estimation of survivor & cumulative risk functions. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Five graduate students and 30 undergraduate students were registered in this course. Course co-instructor, University of Calgary.
- 2020 STAT 533/633 – Survival Analysis. Taught semi-parametric proportional hazards regression with fixed covariates. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Seven graduate students and 30 undergraduate students were registered in this course. Course co-instructor, University of Calgary
- 2018 STAT 533/633 – Survival Analysis. Taught nonparametric estimation of survivor & cumulative risk functions and semi-parametric proportional hazards regression with fixed covariates. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Seven graduate students and 33 undergraduate students were registered in this course. Course co-instructor, University of Calgary
- 2013 STAT 601.25 Longitudinal Data Analysis. Taught residuals and diagnostics, marginal models, generalized estimating equations and sample size calculations. Text used was Applied Longitudinal Analysis by Fitzmaurice, Laird and Ware (Second edition). 12 graduate students regularly attended the class, Course co-instructor, University of Calgary
- 2005 MDSC 755 - Estimating the variance components in a microarray experiment. University of

- Calgary
- 2005 STAT 633 – Survival Analysis, Taught nonparametric estimation of survivor and cumulative risk functions and semi-parametric proportional hazards regression with fixed covariates. Text used was Survival Analysis by Klein & Moeschberger (2nd Edition). Six graduate students regularly attended the class, Course co-instructor, University of Calgary.
- 1999 Developed topics and material in this course for new statistics graduate students; topics included: marking, problem-solving, giving effective presentations, strategies for your research program, exploring campus resources, HTML programming, creating course web pages, and basic syntax of several statistical software programs used in undergraduate mathematics courses, Small Group Instruction, The University of Waterloo

Teaching- Lectures

- 2024/03/12 Ethics and Ethical Practice. BIST 600, University of Calgary
- 2023/03/14 Ethics and Ethical Practice. BIST 600, University of Calgary
- 2021/03/16 Cox Proportional Hazards model, DATA 621, University of Calgary
- 2020/03/24 Cox Proportional Hazards model, DATA 621, University of Calgary
- 2019/11/05 Ethics and Ethical Practice. BIST 600, University of Calgary
- 2019/03/26 Ethics and Ethical Practice. BIST 600, University of Calgary
- 2019/03/04 Cox Proportional Hazards. STAT 533/633, University of Calgary
- 2018/03/20 Career Planning, STAT 517 Practice of Statistics, University of Calgary
- 2018/02/06 Consulting, STAT 517 Practice of Statistics, University of Calgary
- 2014/10/15 Survival Analysis Group Enhancement (SAGE) Seminar Series: Joint Models with an application from the Prostate Cancer Cohort Study, University of Calgary
- 2013 Survival Analysis Group Enhancement (SAGE) Seminar Series: Sample Size Estimation Methods, University of Calgary
- 2011 Survival Analysis Group Enhancement (SAGE) Seminar Series: Sample Size Estimation Methods for NMR Metabolomics Data, University of Calgary
- 2010 Survival Analysis Group Enhancement (SAGE) Seminar Series: Statistical Methods for Multivariate Survival Data, University of Calgary
- 2006 MDSC 683.01 Research Strategies for Gene/Molecular Studies of Human Cancers. Cancer Pathology, Epidemiology, and Therapy Course, University of Calgary
- 2005 Study Designs and Measures of Association in Genetic Epidemiology. Chronic Disease Epidemiology, University of Calgary

Student Supervision (Primary supervisor bolded)

- 2023 - Adeepa Wadu, MSc Statistics, Project co-supervisor
- 2022 - Ruixuan Zhang, MSc Biostatistics, Co-Supervisor
- International Graduate Tuition Award 2022, \$510
 - International Graduate Tuition Award 2023, \$1020
 - International Graduate Tuition Award 2023, \$1020
 - International Graduate Tuition Award 2024, \$510
- 2021 - **Timofei Biziaev**, MSc Biostatistics, Co-Supervisor
- Alberta Graduate Excellence Scholarship, \$11,000
- 2021 - **Mili Roy**, PhD Biostatistics, Project Supervisor: Characterizing non classical EGFR mutation positive non-small cell lung cancer patients
- 2019 - Chimroy Roy Rahul, PhD Biostatistics, Co-Supervisor
- 2018 - 2020 Mu Qing Ren, MSc Statistics, Co-Supervisor
- Alberta Graduate Excellence Scholarship, \$11,000
 - Queen Elizabeth II Scholarship 2018-2019
 - Graduate Assistant Teaching Excellence Award Fall 2018, \$500

- 2018 -2020 Michael John Ilagan, MSc Statistics, Co-Supervisor
- Honourable Mention, Eric Milner Award Fall 2019
- 2018 **Fahmida Yeasmin**, PhD Statistics, Project: Microsimulation of cervical cancer screening pathways post treatment
- 2018 **Fahmida Yeasmin**, PhD Statistics, Project: Visualization Using R Workshop analysis
- 2016 - 2018 Yunting Fu, MSc Statistics, Co-Supervisor
- Faculty of Graduate Studies Student Travel Award, 2017, \$750
- 2016 **Fahmida Yeasmin**, PhD Statistics, Project: Applied Longitudinal Data Workshop analysis
- 2016 **Jian Yang**, MSc Statistics, Project: Missing and Incomplete Data Workshop analysis
- 2015 - 2017 **Taylor Scory**, MSc Statistics, Supervisor
- Faculty of Graduate Studies Student Travel Award, 2017, \$750
 - Statistical Society of Canada Student Travel Award June 2017, \$500
 - NSERC Queen Elizabeth II Scholarship 2016-2017, \$10,800
 - Graduate Assistant Teaching Excellence Award Winter 2016, \$500
 - Graduate Assistant Teaching Excellence Award Fall 2016, \$500
- 2015 - 2017 **Yuan Dong**, MSc Statistics, Project: Combination therapy in multiple myeloma cell lines
- 2014 - 2016 Roxana Tudor, MSc Cancer Biology, Co-Supervisor
- Alberta Graduate Student Scholarship 2016-2017, \$3,000
 - Faculty of Graduate Studies “FGS” Scholarship. \$2500
 - International Conference Delegate Travel Grant (AstraZeneca), 2016, \$200
- 2014 - 2015 **Ji Ruan**, MSc Statistics, Project: Distribution-based imputation of left-censored data due to limits of detection problems with metabolomics data
- 2013 **Yukun Zhang**, MSc Statistics, Project: Evaluate hormonal receptors and a protein in lung cancer patients
- 2012 - 2016 Longlong Huang, PhD Statistics, Co-Supervisor
- Queen Elizabeth II Scholarship 2016, \$15,000
 - Queen Elizabeth II Scholarship 2015, \$15,000
 - Statistical Society of Canada Oral Student Research Presentation Award, 2016, \$500
 - Statistical Society of Canada Student Travel Award, 2016, \$500
 - Faculty of Graduate Studies Student Travel Award, 2016, \$500
 - Global Open Doctoral Scholarship, 2016, \$5000
 - Faculty of Graduate Studies Doctoral Scholarship 2014, \$10,000
 - Queen Elizabeth II Scholarship 2014, \$15,000
 - Queen Elizabeth II Scholarship 2013, \$15,000
 - Department GAT Award of Excellence 2013 \$600
 - Dean’s Entrance Scholarship 2012-2013 \$6,000
- 2010 - 2012 Longlong Huang, MSc Statistics, Co-Supervisor
- Chancellor’s Graduate medal 2013
 - Queen Elizabeth II Scholarship 2011-2012, \$10,800
 - Alberta Graduate Student Scholarship 2012, \$3,000
 - Faculty of Graduate Studies Travel Award 2012, \$750
 - Statistical Society of Canada Student Travel Award 2012, \$500
- 2011 **Longlong Huang**, MSc Statistics, Project: Investigate protein biomarkers in head and neck cancer patients
- Summer Temporary Employment Program funding 2011
- 2008 - 2010 **Yuan Wang**, MSc Statistics
- 2008 **He (Shawn) Gao**, MSc statistics, Project: Investigate spatial pattern variability in cDNA microarray

	experiments
2008	Shan Ba, MSc statistics student, Department of Mathematics and Statistics, Co-Supervisor
2005 - 2008	Xin (Cynthia) Zheng , MSc statistics, Department of Mathematics & Statistics, Supervisor
2007	Zhulin (Jolyn) He , MSc statistics, Project: Evaluate self-self microarray experiments
2006	Cynthia (Xin) Zheng, Rena (Jie) Sun, Case Study analysis and presentation at the annual Statistical Society of Canada Meeting, Co-Supervisor
2004	Rui Wang, Meijie Guo, Xian Zhou, Yongxu Lan, Case Study analysis and presentation at the Statistical Society of Canada Meeting, Montreal, QC, Co-Supervisor

Committee Membership and Examination

2023	Adeepa Wadu, MSc Statistics, Committee Member
2023	Ruoyu Li, PhD Statistics, Candidacy Examination, Examiner
2023	Timofei Biziaev, MSc Biostatistics, Thesis Examiner
2023	Thet Htet Chan Nyein, MSc Statistics, Thesis Examiner
2023	Liam Fitzgerald, MSc Cancer Biology, Thesis Examiner
2022	Zheng Yu, PhD Statistics, Candidacy Examination, Examiner
2022	Lingyue Sun, PhD Physics and Astronomy, Internal-External Examiner
2022	Jarrett Phillips, PhD Computational Sciences, External Examiner, University of Guelph
2022	Chimroy Roy Rahul, PhD Biostatistics, Candidacy Examination, Examiner
2022	M.D. Mahsin, PhD Biostatistics, Supervisory Committee and Thesis Examiner
2022	Madeline Ward, PhD Biostatistics, Supervisory Committee
2022	Mili Roy, PhD Biostatistics, Supervisory Committee
2021	MohanaGowri Arumugam, PhD Statistics, Internal-External Examiner
2021	Zheng Yu, PhD Statistics, Supervisory Committee
2021	Liam Fitzgerald, MSc Cancer Biology, Supervisory Committee
2021	Shrushti Shah, PhD. Kinesiology, Candidacy Examination, External Examiner
2021	Jodi Rattner, PhD. Cancer Biology, Examiner
2021	Ayoola Ademola, PhD. Biostatistics, Candidacy Examination, External Examiner
2020	Zheng Yu, MSc. Statistics, Internal Examiner
2020	Yuanchao Patrick Feng, MSc., Health Services Research, Internal Examiner
2020	Austin Ren, MSc. Statistics, Examiner
2020	Michael Ilagan, MSc. Statistics, Examiner
2020	Salha Qahl, PhD. Biostatistics, Candidacy Examination Committee Member
2019	Behnaz Jafari, MSc Biostatistics, Examiner
2019	Mark Lowerson, PhD. Biostatistics, Candidacy Examination Committee Member
2019	Katie Burak, MSc. Statistics, Examiner
2019-	Victoria Armstrong, MSc Cancer Biology, Supervisory Committee
2019-	Mingchen Ren, PhD. Biostatistics, Candidacy Examination Committee Member
2018 - 2023	Mubasiru Lamidi, PhD Biostatistics, Supervisory Committee
2018 - 2021	Yvonne Efegoma, MSc Epidemiology, Supervisory Committee
2018	Yunting Fu, MSc. Statistics, Examiner
2018	Brendan Cord Lethebe, MSc Biostatistics, Internal-External Examiner
2017	Tayler Scory, MSc Statistics, Examiner

2017	Gurbakhshash Singh, PhD Biostatistics, Examiner
2017	Noor Asaad Alsaadoun, MSc Cancer Biology, Examiner
2016 -	Jodi Rattner, MSc Cancer Biology, Supervisory Committee
2016	Longlong Huang, PhD Statistics, Examiner
2016	Shahil Amin, MSc Cancer Biology, Examiner
2016	Roxana Tudor, MSc Cancer Biology, Examiner
2016	Megan Farris, MSc Epidemiology, Examiner
2016	Dr. Farshad Farshidfar, PhD Cancer Biology, Examiner
2016 - 2017	Noor Asaad Alsaadoun, MSc Cancer Biology, Supervisory Committee
2015 -	Fahmida Yeasmin, PhD Statistics, Supervisory Committee
2015	Ji Ruan, MSc Statistics, Examiner
2014 - 2015	Reza Keramti, MSc Cancer Biology, Supervisory Committee
2014 - 2016	Megan Farris, MSc Epidemiology, Supervisory Committee
2014	Pooneh Pordeli, PhD Statistics, Examiner
2014	Yukun Zhang, MSc Statistics, Examiner
2013 - 2015	Shahil Amin, MSc Cancer Biology, Supervisory Committee
2013 - 2017	Gurbakhshash Singh, PhD Biostatistics, Supervisory Committee, PhD Candidacy, Examiner <ul style="list-style-type: none">• Statistical Society of Canada Student Travel Award 2014, \$750• Queen Elizabeth II Scholarship 2015-2016, \$15,000
2014	Longlong Huang, PhD Candidacy, Examiner
2011 - 2014	Emily MacKay, MSc Biology, Supervisory Committee, Examiner
2012 - 2014	Ted Pfister, MSc Epidemiology, Supervisory Committee, Examiner
2012	Gavin Duggan, PhD Biology, Internal-External Examiner
2011 - 2012	Dr. Omair Sarfafaz, MSc Biology, Supervisory Committee
2010 - 2016	Dr. Farshad Farshidfar, PhD Cancer Biology, Supervisory Committee
2010 - 2012	Dr. Yarrow McConnell, MSc Cancer Biology, Clinical Investigator Fellowship, Supervisory Committee, Examiner
2010 - 2012	Longlong Huang, MSc Statistics, Examiner
2011	Elizabeth Juarez-Colunga, PhD Statistics, Simon Fraser University Examiner
2005 - 2010	Fabiola Aparicio-Ting, PhD Epidemiology, Supervisory Committee
2009	Jia Zheng, PhD Computer Science, Examiner
2009	Jian Kang, PhD Biostatistics, Examiner
2007	Rena (Jie) Sun, MSc Statistics Student, Examiner
2007	Luz Maria Palacios-Derflingher, PhD Statistics, Examiner
2004	Gaia Pocobelli, MSc epidemiology, Examiner
2004	Rui Wang, MSc statistics, Examiner

iii. Postgraduate

Teaching-Lectures

2018/09/21	Data Analysis Strategies, Office of Surgical Fellowship Principles of Research, Department of Surgery, Lecture, University of Calgary, Calgary, AB, Canada
2017/09/13	Key Ideas for Survival Data Analysis, Office of Surgical Fellowship Principles of Research, Department of Surgery, Lecture, University of Calgary, Calgary, AB, Canada
2017/09/05	Survival Data Analysis, Combined Curriculum, Research Methods, Department of Oncology, Lecture, University of Calgary, Calgary, AB, Canada

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2016/11/18	Survival Analysis, Combined Curriculum, Research Methods, Department of Oncology, Lecture, University of Calgary, Calgary, AB, Canada
2015/11/27	Survival Analysis, Combined Curriculum, Research Methods, Department of Oncology, Lecture, University of Calgary, Calgary, AB, Canada
2014/09/19	Survival Analysis, Combined Curriculum, Research Methods, Department of Oncology, Lecture, University of Calgary, Calgary, AB, Canada
2012	Survival Data Analysis and Competing Risks. Research Methods Course, Department of Oncology, Lecture, University of Calgary, Calgary, AB, Canada
2011	Biostats 3: Survival and Competing Risks. Oncology Combined Curriculum, Lecture, University of Calgary
2008/02/21	Issues in Human Genetics Research. Molecular Medicine for Physicians course, Lecture, University of Calgary
2007	Survival Data Analysis. Topics in Health Research Methodology Course, Oncology Training Program, Lecture, University of Calgary
2006	Research Strategies for Gene/Molecular Studies of Human Cancers. Molecular Medicine for Physicians course, Lecture, University of Calgary
2004	Research Strategies in Cancer Studies that Involve Human Genetics. Molecular Medicine for Physicians course, Lecture, University of Calgary

Student Supervision

2018 – 2019	Dr. Gyanendra Pokharel, PDF, University of Calgary, AB, Supervisor
2017 - 2018	Dr. Chel Hee Lee, PDF, University of Calgary, Calgary, AB, Supervisor
2016 - 2019	Dr. Farshad Farshidfar, PDF, University of Calgary, Calgary, AB, Co-Supervisor <ul style="list-style-type: none">• Charbonneau Cancer Institute – Charbonneau Postdoctoral Scholar• Charbonneau Cancer Institute – 2018 Howard Research Scholarship Award: Best Oral Presentation (Silver) at the 2018 Annual Charbonneau Cancer Symposium
2014 - 2016	Dr. Narges Nazeri Rad, PDF, Tanenbaum-Lunenfeld Research Institute, Toronto, ON, Co-Supervisor
2009 - 2010	Dr. Taraneh Abarin, PDF, Samuel Lunenfeld Research Institute, Toronto, ON, Co-Supervisor
2005 - 2008	Dr. Yun-Hee Choi, PDF, Samuel Lunenfeld Research Institute, Toronto, ON, Co-Supervisor <ul style="list-style-type: none">• Canadian Breast Cancer Foundation Fellowship 2006-2008
2005	Mark Masterson, MD/PhD, Course: MDSC 775, Co-Supervisor

External Referee, Tenure and Promotion

2024	Dr. Dr. Lloyd Elliott, Simon Fraser University, External referee, Tenure and Promotion Committee
2017	Dr. Timothy Ramsay, Ottawa Hospital Research Institute, External referee, Promotion Committee
2016	Dr. Eleanor Pullenayegum, Research Institute at the Hospital for Sick Children, External referee, Promotion Committee
2015	Dr. Rinku Sutradhar, University of Toronto, ON, External referee, Tenure and Promotion Committee
2015	Dr. Lisa Strug, University of Toronto, ON, External referee, Tenure and Promotion Committee
2013	Dr. Wei Xu, University of Toronto, ON, External referee, Tenure and Promotion Committee
2013	Dr. Yun-Hee Choi, University of Western Ontario, Peer Reviewer, Tenure and Promotion Committee
2012	Dr. Zeny Feng, University of Guelph, ON, External referee, Tenure and Promotion Committee
2010	Dr. Leilei Zeng, Simon Fraser University, BC, External referee, Tenure and Promotion Committee

VI. ADMINISTRATIVE RESPONSIBILITIES

i. Departmental

Dr. Karen A. Kopciuk

2018 - 2021	Lead, Foundations Division, Community Health Sciences, University of Calgary
2009 - present	Lead, Statistical Support Unit, Cancer Epidemiology and Prevention Research, Alberta Health Services
2009 - 2013	Scientific Lead, Data Support Unit, Department of Population Health Research, Alberta Health Services
2004 - 2006	Developer and manager, Statistical Consulting Unit, Department of Oncology, University of Calgary

ii. Faculty

2023	Member, Search and Selection Committee for Biostatistician, Precision Oncology Hub, Arnie Charbonneau Cancer Institute, University of Calgary
2022	Member, Search and Selection Committee for Biostatistician, Department of Mathematics and Statistics, University of Calgary
2020	Member, Search and Selection Committee for Biostatistician, Department of Mathematics and Statistics, University of Calgary
2014	Member, Search and Selection Committee for Biostatistician, Department of Mathematics and Statistics, University of Calgary
2014	Member, Search and Selection Committee for Research Scientist, Department of Oncology, The University of Calgary
2014	Member, Search and Selection Committee for Biostatistician, Department of Oncology, The University of Calgary
2013	Member, Search and Selection Committee for Biostatistician, Department of Mathematics and Statistics, University of Calgary
2008	Member, Selection committee for Genetic Epidemiologist, Department of Medical Genetics - University of Calgary

iii. University

2018 -	Organizer, Rocky Mountain Data Science Network Internship Program for Biostatistics Students
2015 -	Member, Executive Committee, Biostatistics Initiative, Medicine, Science and Veterinary Medicine
2014 -	Member, Biostatistics Centre Initiative -Medicine, Science and Veterinary Medicine
2008 - 2009	Member, Search and Selection Committee, Chair in Biostatistics -ACRI
2008 - 2009	Member, Biostatistics Initiative Committee - ACRI
2007	Member, Research and Mentorship Committee – SACRI

iv. Alberta Health Services (Alberta Cancer Board)

2021 -	Member, Scientific Steering Committee, Glans-Look, AHS
2020 -	Member, Sharing Circle, guides and advises the development of an Indigenous Cancer Strategy for Alberta, AHS
2014 - 2024	Member, Scientific Steering Committee, Alberta's Tomorrow Project, AHS
2006 - 2011	Organizer, Statistics Journal Club, Department of Population Health Research, AHS
2008	Member, Data Management Advisory Group, Department of Population Health Research, AHS

VII. PROFESSIONAL ACTIVITIES

i. Membership in professional and learned societies

2020 - 2024	Member, Western North American Region, International Biometrics Society
2017 -	College of Reviewers, Canadian Institutes for Health Research
2008 - 2012	Member, Canadian Society for Epidemiology and Biostatistics
2000 -	Member, Statistical Society of Canada

ii. Professional service

Grant Panels

2023 – 2024	Banting Research Foundation, 2024 Discovery Award Program.
2023	Ontario Genomics-CANSSI Ontario 2023 Postdoctoral Fellowship in Genome Data Science
2022	Canadian Cancer Society Research Institute, Data Transformation Committee
2020	Canadian Institutes of Health, COVID-19 May 2020 Rapid Research Funding Committee
2020 -	Canadian Cancer Society Research Institute, Innovation and Innovation to Impact, Panel I5
2019 - 2021	Canadian Institutes of Health Research, Health Research Training A – Post-PhD Awards Committee
2016 - 2017	Canadian Institutes of Health Research, Institute of Cancer Research, Health Services and Economics Research in Cancer Control Catalyst Grant
2014 - 2018	Canadian Cancer Society Research Institute, Innovation and Innovation to Impact, Panel I5
2011 - 2014	Breast Cancer Society of Canada
2012	Canadian Institutes of Health, Institute of Population and Public Health
2012	Canadian Breast Cancer Foundation, Earlier Detection of Breast Cancer National Panel
2009 - 2011	Canadian Cancer Society Research Institute, Panel J1 (Pathology and Tumour Biomarkers)
2008 - 2011	Alberta Cancer Research Institute, Bridge & Pilot
2003 - 2005	Canadian Breast Cancer Foundation, Alberta/NWT Chapter

Grant Review

2005 - present	Natural Sciences and Engineering Research Council of Canada (NSERC)
2020 – present	Charbonneau Cancer Research Institute, Internal Peer Reviewer
2021 – present	Alberta Children’s Research Institute, Internal Peer Reviewer
2016 - present	O’Brien Institute for Public Health, Internal Peer Reviewer

Journal Reviews (Manuscript Referee)

2024	Cancers
2023	International Journal of Environmental Research and Public Health, Rheumatism, Viruses, The Lancet Regional Health Journal
2022	Metabolites, Cancers
2021-2	International Journal of Environmental Research and Public Health
2020	PLOS ONE, Biochemistry and Cell Biology
2019	Metabolomics
2018	Journal of the Royal Statistical Society Series C
2017	Statistics in Medicine
2016	Journal of Statistical Computation and Simulation
2014 - 2015	Feasibility and Pilot Studies
2014	Bulletin of Mathematical Biology
2013	Metabolomics, Journal of Statistical Computation and Simulation
2011	Contemporary Clinical Trials
2006	American Journal of Epidemiology
2003	International Journal of Cancer

National and International Committees

2024 -	Chair, Women in Statistics Committees, Statistical Society of Canada
2022	Chair, Search and Selection Committee for Regional Associate Director, Canadian Statistical Sciences Institute

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2020-2023	Member, Board of Directors, Canadian Statistical Sciences Institute
2020-	Member, New Award Committee, Western North American Region, International Biometrics Society
2020- 2023	Member, Awards & Women in Statistics Committees, Statistical Society of Canada
2020 - 2021	Member, Virtual Meeting Committee, Statistical Society of Canada
2018 - 2019	Co-Chair, Local Arrangements, Statistical Society of Canada, 2019 Meeting
2017 – 2020	Member, Fundraising Committee, - Statistical Society of Canada
2017 -	Member, Health Sciences Collaborating Centre Committee, Canadian Statistical Sciences Institute
2016	Member, Elections Committee, Statistical Society of Canada
2016 - 2020	Member, AB,BC,YK Regional Representative, Board of Directors, Statistical Society of Canada
2012 - 2013	Co-Chair, Inaugural Statistical Society of Canada Trainee Research Conference - Statistical Society of Canada
2016 - 2017	Chair, Biostatistics Section Elections Committee - Statistical Society of Canada
2016 - 2017	Past-president, Biostatistics Section - Statistical Society of Canada
2015 - 2016	President, Biostatistics Section - Statistical Society of Canada
2014 - 2015	President-elect, Biostatistics Section - Statistical Society of Canada
2007 - 2013	Secretary, Biostatistics Section - Statistical Society of Canada
2010 - 2012	Member, Elections Committee - Statistical Society of Canada
2004 - 2009	Liaison, Biostatistics Section - Statistical Society of Canada

Consulting

Consulting activities since 2003 typically included providing statistical advice on study design, power and sample size calculations, selection of methods of analysis, presentation of results, data analysis and creation of figures for manuscripts and presentations. There were very few opportunities for publications, and these projects rarely generated research ideas for my research program.

2011 - present	Meet with 3-6 cancer researchers annually, which involved 10-15% of my time.
2007 - 2010	Met with over 20 cancer researchers, which involved 30% of my time. I spent an average of 1 day per week on one client's projects, which will likely not result in any publications.
2004 - 2006	Developed and managed a Statistical Consulting Unit in the Department of Oncology. My role included supervision of a Statistical Associate (B.Sc.), who carried out the work under my direct supervision. I also developed policies related to students, authorship, and cost-recovery. In addition, with the help of the Statistical Associate, we developed the database used to track projects and generate client reports and invoices. These policies, forms and databases continue to be used by this Unit. My consulting time commitment (40-50% of my time) substantially increased for this three-year time period. The number of clients was more than 30.
2003	Met with 15 cancer researchers which involved 20% of my time.

Conference and Workshop Development

2022	Co-organizer, Statistical Analysis of Network Data Workshop given by Prof. Eric Kolaczyk from Boston University on Feb 22 -23, Virtual
2021	Co-lead for breakout session, CANSSI National Townhall on Mentoring and Networks, October 14, 2021, Virtual
2021	Co-organizer, Statistical Methods for Precision Medicine, Virtual Workshop Feb 22 -23, University of Calgary
2019	Co-organizer, Using R workshop, December 4, University of Calgary
2019-	Organizer, Rocky Mountain Biostatistics and Health Data Science Summer Institute, University of Calgary
2019	Co-organizer, Data Science for Health workshop, April 30, Faculty of Science, University of Calgary
2019	Co-organizer, Analysis of Life History Data with Multistate Models Workshop, March 8, University of Calgary

Dr. Karen A. Kopciuk

- 2018 Presenter, Advanced Quantitative Methods 1-day Workshop, October 11, Faculty of Health, Community and Education, Mount Royal University, Calgary, 7 hours
- 2018 Chair, organizer, Regression Modelling Strategies, August 2-3, University of Calgary Biostatistics Centre, University of Calgary
- 2018 Chair, organizer, Visualization using R Workshop, March 3, University of Calgary Biostatistics Centre, University of Calgary
- 2017 Chair, co-organizer, Joint Analysis Workshop, September 6, O'Brien Institute for Public Health, University of Calgary
- 2016 Chair, co-organizer, Applied Longitudinal Data Analysis Workshop, December 3, O'Brien Institute for Public Health, University of Calgary
- 2015 Chair, co-organizer, Missing and Incomplete Data Workshop, December 5, O'Brien Institute for Public Health, University of Calgary
- 2014 Co-leader, Statistical Issues in Biomarker and Drug Co-development, November 7-8, Fields Institute, Toronto, ON
- 2014 Chair, Publishing and Reproducible Research, Invited Session, May 26, Statistical Society of Canada, Toronto, ON
- 2012 - 2013 Co-Chair, Inaugural Statistical Society of Canada Student Research Conference, May 25, Edmonton, AB
- 2013 Chair, organizer of Student Career Lunch, SSC Conference, May 28, Edmonton, AB
- 2009 Chair and organizer, *Statistical Methods in Bioinformatics*, invited session, Statistical Society of Canada, Joint Statistical Meeting, Washington, DC
- 2009 Organizer, *Using Bioconductor for High Throughput data*, Biostatistics Section workshop for the Statistical Society of Canada Meeting, Vancouver, BC May 31
- 2009 Co-developer and organizer, Journal club, Focus: the use of statistical methods for metabolomics data.
- 2007 Chair, co-organizer, and successful obtainer of full funding from BIRS for *Statistical Science for 'Omic' Research in Canada*, invited meeting, Banff International Research Station (BIRS), Banff, AB June 29
- 2007 Organizer, *Statistical Genomics Research Workshop*, Invited speakers: Richard Simon (National Cancer Institute, USA), Yutaka Yasui (University of Alberta), Christoph Sensen (Sun Center of Excellence for Visual Genomics, University of Calgary). University of Calgary, June 20
- 2007 Chair and organizer, *Genome-wide Association Studies*, invited session, Biostatistics Section, Statistical Society of Canada
- 2005 Chair and organizer, *Statistical Genomics: New Platforms, New Data, New Analysis Methods for High-throughput Experiments*, invited session, Biostatistics Section, Statistical Society of Canada
- 2003 - 2005 Developer and organizer, Journal club, Focus: the use of statistical methods in genetic studies. Semi-monthly meetings attracted individuals from such diverse research areas as statistics and biostatistics, bioinformatics, molecular biology and genetics.

Evaluation

- 2019-02-11 Poster Judge, Charbonneau Cancer Research Institute, Research Symposium, Calgary, AB
- 2018-06-04 Student Oral Presentation Judge, Statistical Society of Canada meeting, Montreal, QC
- 2017-01-30 Poster Judge, Charbonneau Cancer Research Institute, Research Symposium, Calgary, AB
- 2016-02-05 Poster Judge, Charbonneau Cancer Research Institute, Research Symposium, Calgary, AB
- 2015-01-30 Poster Judge, SACRI Research Symposium, Calgary, AB
- 2014 Video judge, Statistics on Reels Video Competition, Statistical Society of Canada Student Conference, May 12
- 2013 MITACS Accelerate Internship proposal reviewer
- 2007 Poster judge, Alberta Cancer Board Annual Research Meeting, Banff, AB
- 2007 Poster judge, 2nd Annual Canadian Genetic Epidemiology and Statistical Genetics Meeting Fields

VIII. RESEARCH SUPPORT

i. Peer-reviewed funded research

Team Grants

One of the 11 projects funded in our team grant renewal was a statistical methods working group, which includes several colleagues from the University of Toronto and myself.

2006/7 - 2011/6 McLaughlin J (PI), Parfrey PS, Younghusband HB, Gallinger S, Wang PP, Green C, Cotterchio M, Holowaty E, Esplen MJ (CoIs). **Kopciuk KA** (Collaborator) Interdisciplinary research on the determinants and impact of colorectal cancer: Molecular-genetic factors, risk modifiers and population health, CIHR, \$4,951,888 Operating Grants (\$340,375 was our project amount).

(Principal or Co-Principal Investigator)

Statistical methodological research in Canada is mainly funded through NSERC. Other agencies such as CIHR and the Pacific Institute for the Mathematical Sciences provide rare, limited opportunities for funding statistical methods development. For instance, my successful 2003 CIHR grant was a genetic epidemiology RFA that was only available twice.

(Co- Investigator)

My responsibilities in collaborative projects include sample size calculations and data analysis plans for the proposals, and supervision for the analyses of collected data. I perform more complex analyses myself. The collaborative grants are distinct from grants where I had a service role in two critical ways: (1) a proportion of the budgets are for my own methodological research, as it is very difficult to obtain funding for statistical methods research from most grant agencies; and (2) these projects stimulate new research ideas for my own methodological research program.

- 2023/7-2028/6 Friedenreich CM (PI), Yang L (co-PI), Courneya KS (co-I), Culos-Reed SN (co-I), McNeely ML (co-I), Vallance JKH (co-I), Brenner DB (co-I), **Kopciuk KA** (Co-I), O'Sullivan D (co-I), J. Benham J (co-I). Alberta Moving Beyond Breast Cancer (AMBER), CIHR, \$1,505,000.
- 2023/6-2026/5 Fidler-Benaoudia M (PI), **Kopciuk K** (Co-I), O'Sullivan D (Co-I), Franco E (Co-I), McKillop S (Co-I), Henning J-W (Co-I), Scott LA (Co-I), Friedenreich CM (Co-I). Cancer prevention among adolescents and young adults: understanding etiology, knowledge and beliefs. Alberta Health Cancer Research in Screening and Prevention, \$655,991.
- 2023/2-2024/2 Friedenreich CM (PI), Courneya KS (co-PI), Culos-Reed SN (co-PI), McNeely ML (co-PI), Vallance JKH (co-PI), Brenner DB (co-I), Corcoran L (co-I), **Kopciuk KA** (Co-I), Mackey J (co-I), Mcneil J (co-I). Alberta Moving Beyond Breast Cancer (AMBER), CIHR, \$100,000.
- 2021/3 – 2022/3 **Kopciuk KA (PI)**, Yang H (Co-PI), Bartel R (Co-PI, Knowledge User), Letendre A (Co-PI, Knowledge User), Potestio M (Co-Applicant), James A (Co-applicant), Geary J (Co-Applicant), Goodman K (Co-Applicant), Schwann M (Collaborator), Colquhoun A (Collaborator), (Collaborator). Nishtohtamihk li kaansyr (Understanding Cancer): Cancer Screening, Outcomes and Experiences among Métis People in Alberta. \$100,000. CIHR.
- 2020/3 – 2021/3 Thompson G (PI), Brindle M (Co-I), Forkert N (Co-I), Huston S (Co-I), Jenne C (Co-I), Kelly M (co-I), **Kopciuk KA** (Co-I), McCoy C (Co-I), Mickiewicz B (co-I), Lau M (Co-I). The Systemic and Local Immune landscape of Children presenting to the Emergency Department with suspected appendicitis (SLICED): Innovation through Multiplex Ion Beam Imaging. \$25,000. Department of Pediatrics 2019 Innovation Award.
- 2019/10 – 2022/9 Shemanko C (PI), **Kopciuk KA** (Co-I), Nixon N (Co-I), Qingrun Zhang (Co-I) and Cheung W (Co-I). Blood biomarker for breast cancer patients and detection of bone recurrence. \$706,710, Alberta Cancer Foundation.
- 2019/3 – 2020/3 **Kopciuk KA (PI)**, Yang H (Co-PI), Healy B (Knowledge User), Cheung W (Co-Applicant), Nelson G (Co-Applicant), Shea-Budgell M (Co-Applicant), Al-Attar H (Collaborator), Chiang B (Collaborator), Colquhoun A (Collaborator), Henderson R (Collaborator), Letendre A

- (Collaborator). Assessing cancer screening and outcomes among First Nations people in Alberta. \$99,864. CIHR.
- 2018/7 – 2021/6 Thompson G (PI), Vogel H (PI), Beer D (Co-I), Bhatt M (Co-I), Brindle M (Co-I), Craig W (Co-I), Fitzpatrick E (co-I), Gravel J (co-I), Jenne C (Co-I), Joffe A (co-I), Kam A (Co-I), **Kopciuk KA** (Co-I); Mater A (Co-I), Moffatt A (co-I), Poonai N (Co-I), Sabhaney V (Co-I). Precision medicine for improving the diagnosis of pediatric appendicitis in the Emergency Department (PRIMED), CIHR, \$1,518,524.
- 2018/3-2021/3 Bathe OF (PI), Ritchie S (co-PI), Vogel HJ (co-PI), Farshidfar F (co-I), Hilsden R (co-I), **Kopciuk KA** (co-I). Development of a Blood Test for Colorectal Cancer based on Metabolomic Signature. Collaborative Health Research Project (CIHR-NSERC), \$389,215.
- 2018/2 – 2019/3 **Kopciuk KA** (PI), Brockton N (co-PI). Breast to Bone Project 1: Vitamin D and bone metastases in breast cancer survivors. AB Cancer Foundation. \$55,521.26 (\$117,730 original grant amount)
- 2018/2 – 2019/3 **Kopciuk KA** (PI), Friedenreich CM (co-PI). Breast to Bone Program. AB Cancer Foundation. (\$756,357 was original grant amount)
- 2018/1- 2019/7 **Kopciuk KA** (PI), Yang H (co-PI), Nation J (co-I), Dickinson J A (co-I), Waghray R (co-I), Schepansky A (co-I), Kliewer G (collaborator), Yang J (collaborator), Thind A (collaborator), Noel Foggo-Lamoureux (collaborator). Test of Cure: Use of Human Papillomavirus testing to optimize the cervical cancer screening clinical pathway post-treatment. Cancer Strategic Clinical Network Seed Grant, \$25,000.
- 2016/7-2019/6 **Kopciuk KA** (PI), Shack L (co-PI), Robson P (co-PI), Spinelli J (Co-I). Determinants of cancer stage at diagnosis. Canadian Institutes for Health Research (CIHR) \$229,351.
- 2018/2-2022/2 Friedenreich CM (PI), Courneya KS (co-PI), Culos-Reed SN (co-PI), McNeely ML (co-PI), Vallance JKH (co-PI), Brenner DB (co-I), Corcoran L (co-I), **Kopciuk KA** (Co-I), Mackey J (co-I), Mcneil J (co-I). Alberta Moving Beyond Breast Cancer (AMBER), CIHR, \$1,931,625.
- 2016/9-2018/8 Morris, D (PI), Thirukkumaran C (Co-I), Stewart D (Co-I), Zepeda V (Co-I), **Kopciuk KA**, (Collaborator). Next generation immune treatment strategies for multiple myeloma: immune modulators in conjunction with oncolytic viral therapy. Cancer Research Society \$120,000.
- 2015/9-2018/8 Morris, D (PI), Thirukkumaran C (Co-I), **Kopciuk KA** (Co-I). Immune check point inhibition to augment oncolytic viral therapy for the treatment of breast cancer. Canadian Breast Cancer Foundation, \$375,000.
- 2014/7-2015/6 Morris, D (PI), Thirukkumaran C (Co-I), **Kopciuk KA**, (Collaborator). Oncolytic viral therapy augmented by immune check point inhibition as a novel treatment strategy for breast cancer Breast Cancer Society of Canada, \$40,000
- 2013/2-2016/3 **Kopciuk KA**, Briollais L, Choi YH (PIs), Cotterchio M, Gallinger S, Green R, Hoch J, McLaughlin J and Parfrey P. Development, application and evaluation of multistate models for risk estimation and screening interventions in Lynch Syndrome families and familial colorectal cancer Type X families, Canadian Institutes for Health Research (CIHR) \$273,334
- 2010/4 - 2013/3 Brockton NT (PI), Bathe O, Hanley D, **Kopciuk KA**, Magliocco A. The role of vitamin D and inflammation in colorectal cancer metastases, Alberta Cancer Research Institute (ACRI) \$543,247
- 2009/4 - 2012/3 Bathe O, Vogel H (PIs), **Kopciuk KA**, Weljie A, Sutherland F, Dixon F, Turbide C, Love J, Heitman S, Bass S, Cole M, Lau D. Development of a test for pancreatic and periampullary malignancies based on metabolomics, ACRI \$378,434
- 2008/3 - 2011/3 Csizmadi I (PI), Robson P, Bryant HE, Friedenreich CM, Jones P, **Kopciuk KA**, Lau D, Yasui Y. Development of a multidimensional measure of activity energy expenditure for use in large populations, CIHR, \$278,455
- 2007/4 - 2011/6 **Kopciuk KA** (PI). Statistical methods for chronic diseases with genetic determinants, NSERC \$16,000
- 2008/4 - 2011/3 Morris D (PI), **Kopciuk KA**, (Co-I, Collaborator), Thirukkumaran C. Targeting multiple myeloma with oncolytic viral therapy, ACRI, \$449,981
- 2008/4 - 2010/4 Demetrick D (PI), Trotter T, **Kopciuk KA**. Association of patient genotype with rapid skeletal metastases in breast cancer, ACRI, \$257,853

Dr. Karen A. Kopciuk

- 2006 - 2008 **Kopciuk KA** (PI), Research Group on Statistical Genomics, Pacific Institute for the Mathematical Sciences \$25,000
- 2006 - 2008 Bryant HE (PI), Friedenreich CM, **Kopciuk KA**, Plotnikoff R. Individual, social and environmental determinants of physical activity in an Alberta cohort, Alberta Cancer Board (ACB) \$19,696
- 2004 – 2007 **Kopciuk KA** (PI). Longitudinal phenotype choice for complex traits in genetic analyses of family data, NSERC, \$24,000
- 2004 - 2007 Friedenreich CM (PI), Courneya KS, McGregor SE, **Kopciuk KA**, Angyalfi SJ, Elliott FG. Cohort study of physical activity and prostate cancer survival: continuation of follow-up, CIHR \$283,453, ACB \$40,244, Total Funding \$323,697.
- 2006 **Kopciuk KA** (Co-I), Evaluation of chemoresponsiveness as a function of stromal and tumour molecular signatures, ACB, \$35,000
- 2004 - 2006 **Kopciuk KA** (Co-I), Novel genetic markers of breast cancer risk, Canadian Breast Cancer Foundation (CBCF) (Alberta/NWT Chapter) \$189,438
- 2004 - 2006 **Kopciuk KA** (Co-I), Beta retrovirus and breast cancer: serologic and genetic markers of infection, CBCF (Alberta/NWT Chapter) \$163,000
- 2003 - 2006 **Kopciuk KA** Co-PI, Statistical methods and study designs for penetrance estimation of genes involved in complex diseases, CIHR, \$196,050

Infrastructure and Equipment Grants

The following grants enhanced our research environment by bringing well-known researchers to Calgary to share ideas and insights with our group, as well as to provide critical funding for staff salaries and infrastructure such as desktops and software programs.

- 2017 - 2020 Braun J, Deardon R, **Kopciuk K**. (PIs). Rocky Mountain Data Science Centre. Canadian Statistical Sciences Institute Health Sciences Collaborating Centre. \$10,000.
- 2014 - 2016 Friedenreich CM, Brockton NT, **Kopciuk KA**, Kelemen L, Csizmadi I, Robson P, Morris D. Enhancing Capacity for Lifestyle and Cancer Epidemiology in Alberta. Alberta Cancer Foundation Foundational Infrastructure 2013, \$391,585.
- 2009/4 - 2013/3 **Kopciuk KA**, Friedenreich CM (PIs). Data Support Unit, Alberta Cancer Foundation, \$786,789
- 2008/4 - 2013/3 **Kopciuk KA**, Friedenreich CM (PIs). Capacity building for high throughput data analysis, Alberta Cancer Foundation, \$114,777
- 2009 - 2012 Friedenreich CM, McGregor SE, **Kopciuk K**, Hilsden R, Kelemen L, Magliocco T, Brockton N. ACRI priority funding: Population Health Research. Alberta Cancer Research Institute, \$3,386,032.
- 2008 - 2011 Friedenreich CM, **Kopciuk K**, Brockton N, Kelemen L. Division of Population Health and Information; Priority Funding Request 2007. Alberta Cancer Research Institute, \$418,335.
- 2007 - 2010 Friedenreich CM, Bryant HE, Cook L, McGregor SE, **Kopciuk K**, Csizmadi I. Population Health Research Unit, Division of Population Health & Information. Alberta Cancer Board, \$1,254,525.
- 2004 - 2007 Bryant HE, Friedenreich CM, McGregor SE, Cook LS, Brasher P, **Kopciuk K**, Csizmadi I. Population Health Research Unit, Division of Population Health & Information. Alberta Cancer Board-Research Initiative Program, \$340,000.

Tomorrow Project Grants

- 2007 - 2008 Robson PJ, Csizmadi I, **Kopciuk K**, McGregor E, Friedenreich CM, Kelemen L, Brockton N. The Tomorrow Project: A long term research initiative of the Alberta Cancer Board. Alberta Cancer Foundation, \$1,203,262
- 2006 - 2007 Robson PJ, Bryant HE, Friedenreich CM, Csizmadi I, **Kopciuk K**, McGregor E, Cook L. Alberta cohort study (The Tomorrow Project): infrastructure support, Alberta Cancer Foundation, \$1,293,653
- 2005 - 2006 Bryant HE, Friedenreich CM, McGregor SE, Csizmadi I, **Kopciuk KA**, Cook L, Robson P. The Alberta Cohort Study (Tomorrow Project): Infrastructure Support, Alberta Cancer Foundation, \$498,626

Conference and Visiting Scholar Grants

- 2022 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Statistical Analysis of Network Data Workshop, Canadian Statistical Sciences Institute, \$1250.
- 2021 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Statistical Methods for Precision Medicine Workshop, Canadian Statistical Sciences Institute, \$1500.
- 2021 **Kopciuk KA**, Co-Applicant, Distinguished Visitor Lecture for “Improving the analysis of longitudinal health studies through joint modelling of longitudinal and survival data” by Prof. Ruwanthi Kolamunnage-Dona, Canadian Statistical Sciences Institute, \$500.
- 2020 **Kopciuk KA**, Conference grant for the Rocky Mountain Biostatistics and Health Data Science Summer Institute, Canadian Statistical Sciences Institute, \$5000.
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Using R Workshop, Pacific Institute for the Mathematical Sciences, \$1000
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Using R Workshop, Department of Mathematics and Statistics, \$1000.
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Using R Workshop, Department of Production Animal Health, \$1000
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Statistical Society of Canada Meeting, Vice President (Research), \$5000.
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Analysis of Life History Data with Multistate Models Workshop, Vice President (Research), \$4000.
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Analysis of Life History Data with Multistate Models Workshop, Faculty of Science, \$1500.
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Analysis of Life History Data with Multistate Models Workshop, Department of Mathematics and Statistics, \$1000.
- 2019 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Analysis of Life History Data with Multistate Models Workshop, Canadian Statistical Sciences Institute, \$2500.
- 2018 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Regression Modelling Strategies Workshop, Vice President (Research), \$2000.
- 2018 **Kopciuk KA**, Applicant, Conference/Workshop grant for the Regression Modelling Strategies Workshop, Pacific Institute for the Mathematical Sciences, \$2000.
- 2018 **Kopciuk KA**, Applicant, Conference/Workshop grant for the Regression Modelling Strategies Workshop, O’Brien Institute for Public Health, University of Calgary, \$2000.
- 2018 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Regression Modelling Strategies Workshop, Department of Mathematics and Statistics, University of Calgary, \$1500.
- 2018 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Visualization Using R Workshop, Vice President (Research), \$1000.
- 2018 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Visualization Using R Workshop, Pacific Institute for the Mathematical Sciences, \$1500.
- 2017 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Joint Analysis Workshop, Canadian Statistical Sciences Institute, \$3000.
- 2017 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Joint Analysis Workshop, Vice President (Research), University of Calgary, \$5000.
- 2017 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Joint Analysis Workshop, O’Brien Institute for Public Health, University of Calgary, \$2700.
- 2016 **Kopciuk KA**, Co-Applicant, Workshop and Conference grant for the Applied Longitudinal Data Analysis workshop, Canadian Statistical Sciences Institute, \$3000.
- 2016 **Kopciuk KA**, Co-Applicant, Conference/Workshop grant for the Applied Longitudinal Data Analysis

- workshop, Vice President (Research), University of Calgary, \$2000.
- 2016 **Kopciuk KA**, Co-Applicant, Funding for the Applied Longitudinal Data Analysis workshop, Department of Mathematics and Statistics, University of Calgary, \$2000.
- 2016 **Kopciuk KA**, Co-Applicant, Funding for the Applied Longitudinal Data Analysis workshop, Pacific Institute for the Mathematical Sciences, \$1500
- 2012 **Kopciuk KA**, Co-Applicant, Dissemination Events grant, for the SSC 2013 Annual Meeting in Edmonton, AB including a career lunch event I organized and chaired, CIHR. \$24,988
- 2011 **Kopciuk KA**, (PI) Community Health Research Visiting Lecturer Award for Dr. Robert Platt, Alberta Innovates Health Solutions \$1,100
- 2010 **Kopciuk KA**, (PI) Community Health Research Visiting Lecturer Award for Dr. Chris Amos, AHFMR \$1,617
- 2008 **Kopciuk KA**, (PI) Visiting Lecturer Award for Dr. Joanne Lampe, Research Professor, Epidemiology, Cancer Prevention Program, Seattle, Washington, June 19 - 21, AHFMR \$800
- 2008 **Kopciuk KA**, (PI) Visiting Lecturer Award for Dr. Yutaka Yasui, Professor, Department of Public Health Sciences, University of Alberta, Edmonton, Alberta, April 21-22, AHFMR \$1,000

IX. CONTRIBUTIONS

i. Invited addresses

International

- 2022/07/10 FamEvent R package: Generating and modelling time-to-event data for family study designs in genetics. International Chinese Statistical Association – Canadian Chapter, Banff, Alberta, Canada
- 2021/06/16 Assessing cancer screening & outcomes among First Nations people in Alberta, North American Association of Central Cancer Registries, Virtual Conference
- 2019/08/11 Modelling ordinal response data with high dimensional, mixed covariate types, International Chinese Statistical Association – Canadian Chapter, Kingston, Ontario, Canada
- 2017/08/20 Genetic Inheritance Models in Familial Cancers, International Chinese Statistical Association – Canadian Chapter, Vancouver, British Columbia, Canada
- 2017/07/27 Risk Estimation for Families Genetically-predisposed to Cancer, Celebrating 50 Years Statistics and Actuarial Science, Waterloo, Ontario, Canada
- 2017/05/27 Risk Estimation in Family Data via Multi-state Models, 2017 Conference on Lifetime Data Science, Storrs, Connecticut, United States
- 2012/07/30 Academic promotion challenges for statisticians involved in interdisciplinary research, Joint Statistical Meetings, San Diego, California, United States
- 2010 Multi-state modelling approaches for estimating disease risk in gene mutation carriers from family data, Joint Statistical Meetings, British Columbia, Canada
- 2009 Multi-state models: applications in HNPCC families, Modeling Risk Prediction Workshop, Banff International Research Station, Banff, Alberta, Canada
- 2006 Tips for academic medical statisticians, Statistical Society of Canada round table, Joint Statistical Meetings, Seattle, Washington, United States

National

- 2023/05/31 Mentoring for Statisticians, Statistical Society of Canada Annual Meeting, Ottawa, Ontario.
- 2023/01/20 Development and external validation of multivariable risk prediction models for cancer stage at diagnosis. Research Seminar, University of Western Ontario, Virtual
- 2022/07/12 Communication and Other Skills Useful in Health Research. Math to Power Industry Workshop, Pacific Institute for the Mathematical Sciences, Virtual
- 2020/06/01 Collaboration and Training across the Divide. CANSSI Health Science Collaborating Centres: Mandate and Progress. Statistical Society of Canada Annual Meeting, Ottawa, Ontario. Unable to deliver as conference was cancelled due to *COVID-19 outbreak*.
- 2019/11/04 Research by Statistics Students? Really? Department of Mathematics and Statistics Seminar.

- 2019/10/22 University of Winnipeg, Winnipeg, Manitoba, Canada
Learning from Data. McGill University Initiative for Computational Medicine and PhD Program in Quantitative Life Sciences combined Seminar, Montréal, Québec, Canada
- 2017/06/14 Waterloo at 50: Reflections of Former Students, Statistical Society of Canada, Winnipeg, Manitoba, Canada
- 2016/06/01 Cancer Risk Estimation in Family Data, Statistical Society of Canada, St. Catharines, Ontario, Canada
- 2015/05/28 Seeing the world through a mathematical lens. Plenary speaker, Pacific Institute for the Mathematical Sciences Young Researchers Conference, Calgary, AB, Canada
- 2014/08/11 Risk estimation for family data via a progressive multi state model. Statistics Symposium: High-dimensional data and other issues, University of Calgary, Calgary, AB, Canada
- 2013/05/27 Moving Up the Academic Ranks — Challenges and Strategies for Statisticians Involved in Interdisciplinary Research. Statistical Society of Canada, Edmonton, Alberta, Canada
- 2013/04/23 Metabolomics, Personalized Medicine and Sample Size Estimation. Canadian Human and Statistical Genetics Meeting, Estérel, QC, Canada
- 2011/08/12 Career advice for graduate students, Simon Fraser University, Burnaby, BC, Canada
- 2011 Sample size estimation methods for NMR metabolomics data. Biostatistics Seminar series, The University of Toronto, Toronto, Ontario, Canada
- 2010 Statistical methods and study designs for evaluating cancer risk in families carrying a known genetic mutation, Statistical Society of Canada, Quebec City, Quebec, Canada
- 2010 Multi-state modeling approaches for estimating disease risk in gene mutation carriers from family data, Canadian Applied and Industrial Mathematics Society, Newfoundland and Labrador, Canada
- 2010 Issues in cancer risk assessment and prediction, BC Cancer Agency's Hereditary Cancer Rounds, British Columbia, Canada
- 2009 Invited panel member, Career session for beginning biostatisticians, Statistical Society of Canada meeting, University of British Columbia, British Columbia, Canada
- 2008 Careers in medical research. Graduate student seminar, University of Toronto, Toronto, Ontario, Canada
- 2008 Invited panel member, Issues in collaborations in medical research, Statistical Society of Canada meeting, Ottawa Congress Centre, Ottawa, Ontario, Canada
- 2008 Status of statistical genomics research in Canada, Strategy session, Third annual Canadian Genetic Epidemiology & Statistical Genetics meeting. Fields Institute, Toronto, Ontario, Canada
- 2008 Estimation and study design issues for characterising genes with variability in age-at-onset disease phenotypes, Research seminar, Simon Fraser University, Burnaby, British Columbia, Canada
- 2004 Effects of familial correlation, ascertainment bias and missing data on penetrance estimation, New Researchers Conference, York University, Ontario, Canada
- 2002 Issues in penetrance function estimation when the phenotype is age-at-onset, Samuel Lunenfeld Research Institute weekly divisional seminar, Toronto, Ontario, Canada
- 2000 Efficiency gains in survival analyses, Department of Public Health Sciences, University of Toronto, Toronto, Ontario, Canada
- 2000 Efficiency gains in survival analysis using interval censored auxiliary data from a three state progressive model, Department of Statistics, University of Manitoba, Winnipeg, Manitoba, Canada

Provincial/ Local

- 2022/04/06 Cancer prevention and early detection: application to ATP participants diagnosed with colon cancer. ATP Participants Advisory Meeting, Virtual
- 2021/10/25 Combining Western and Indigenous Ways of Knowing and Doing in Co-Designed and Co-Led Health Research Projects, Alberta Cancer Research Conference 2021, Virtual
- 2020/12/09 Alberta Breast, Cervical, and Colorectal Cancer Screening Program Joint Advisory Committee Meeting, Virtual
- 2020/01/17 Innovation into Practice. Cancer Strategic Clinical Network Meeting, Calgary, Alberta

- 2019/03/15 HPV Test of Cure. 10th Annual Alberta Colposcopy Meeting, Lake Louise, Alberta
- 2018/01/31 Women in STEM careers. Panelist, Women's Resource Centre, University of Calgary, Calgary, Alberta, Canada
- 2013/11/29 Why statistics is crucial in the fight against cancer. Plenary speaker, International Year of Statistics conference, Mount Royal University, Calgary, Alberta, Canada
- 2013/05/03 Cancer Risk Estimation in Lynch Syndrome Families, North-South Dialogue in Mathematics, University of Calgary, Calgary, Alberta, Canada
- 2011 Sample size estimation methods for NMR metabolomics data, University of Calgary, Calgary, Alberta, Canada
- 2008 Where can statistics take you? A career talk for undergraduate and graduate students, University of Calgary, Calgary, Alberta, Canada
- 2007 Issues in biomarker discovery research, Lung Cancer Translational Research Group, TBCC, Calgary, Alberta, Canada
- 2007 Discovering SNP-phenotype associations in case-control studies, Department of Medical Genetics Rounds, University of Calgary, Calgary, Alberta, Canada
- 2004 Design issues in the analysis of microarray data, Colloquium, Department of Mathematics and Statistics, University of Calgary, Calgary, Alberta, Canada
- 2002 Incorporating auxiliary information into the analysis of survival data, Division of Epidemiology, Prevention and Screening, Alberta Cancer Board, Calgary, Alberta, Canada
- 2002 Modeling three-state progressive stochastic processes in discrete time, Department of Mathematics and Statistics, University of Calgary, Calgary, Alberta, Canada

ii. Presentations

Oral Presentations-International

- 2019/09/17 Healy B, Yang H, **Kopciuk K**. Assessing cancer screening and outcomes in First Nations people in Alberta. World Indigenous Cancer Conference, Calgary AB
- 2014/08/05 X Lu, L Huang, **K Kopciuk**. Jackknife empirical likelihood based variable selection for accelerated failure time model. Joint Statistical Meetings, Boston, MA
- 2014/04/26 Csizmadi I, Neilson HK, **Kopciuk KA**, Khandwala F, Liu A, Friedenreich CM, Yasui Y, Rabasa-Lhoret R, Bryant HE, Lau DCW, Robson PJ. The Sedentary Time and Activity Reporting Questionnaire: reliability and validity against doubly labeled water and 7-day activity diaries. Experimental Biology Conference San Diego, CA
- 2012/11/02 Friedenreich CM, **Kopciuk K**, McGregor ES, Courneya KS. Pre- and post-diagnosis physical activity and prostate cancer survival. 4th International Congress on Physical Activity & Public Health: Be Active 2012 Conference, Sydney, New South Wales, Australia
- 2012/05/14 Csizmadi I, Khandwala F, Friedenreich CM, **Kopciuk K**, and Robson PJ. The Sedentary Time and Activity Reporting Questionnaire (STAR-Q): a comprehensive tool to assess sedentariness and activity energy expenditure. 8th International Conference on Diet and Activity Methods. Rome, Italy
- 2011/04/12 Multi-state modelling approaches for estimating disease risk in gene mutation carriers from family data. International Biometric Society Channel Network, Bordeaux, France
- 2006 Reproducibility of the genotype-phenotype associations in case-control studies: study designs and statistical considerations, International Biometric conference, Montreal, Quebec, Canada
- 1999 Efficiency gains in survival analyses using interval-censored auxiliary data from a three state progressive model, Joint Statistical Meetings, Baltimore, Maryland, United States

Oral Presentations-National

- 2021/05/17 Efegoma Y, Shack L, **Kopciuk K**, Dickinson J. Canadian Centre for Applied Research in Cancer Control, Virtual
- 2020/10/14 Newsome, J and **Kopciuk K**. Conducting research studies utilizing data linkage with First Nations identifiers. The Art and Science of Data Linkage: Applications to Public Health

- 2019/05/29 Surveillance Across Socio-Economic and Environmental Determinants of Health Conference. Canadian Alliance for Regional Risk Factor Surveillance. Virtual Conference
Pokharel G, Robson P, Shack L, **Kopciuk K**. Dimensionality Reduction and Stage Shifting by Modifying Determinants of Cancer at Diagnosis. Statistical Society of Canada Annual Meeting, Calgary, Alberta
- 2019/05/28 L Huang, **K Kopciuk**, X Lu. Adaptive Group Bridge Selection in the Semiparametric Accelerated Failure Time Model. Statistical Society of Canada Annual Meeting, Calgary, Alberta
- 2018/06/06 Fu Y, **Kopciuk KA**, Shen H, Yan Y. Subgroup Analysis with Missing Value in Simulated Trials. Statistical Society of Canada, Montreal, QC, Canada
- 2017/06/01 Akawung A, Haig TR, Al Rajabi A, Vena JE, Whelan HK, Kopciuk K. Impact of the 2008 Alberta Tobacco Reduction Act on secondhand smoke exposure: Preliminary findings from a prospective cohort study. Canadian Society of Epidemiology and Biostatistics (CSEB) National Conference, Banff, Alberta, Canada
- 2016/06/08 Farris MS, **Kopciuk KA**, Courneya KS, McGregor SE, Friedenreich CM. Quality of life trajectories after prostate cancer diagnosis: the role of physical activity and prognostic factors. Canadian Society of Epidemiology and Biostatistics (CSEB) Student Conference, Winnipeg, Manitoba, Canada
- 2016/05/30 L Huang, **K Kopciuk**, X Lu. A Group Bridge Approach for Component Selection in Nonparametric Accelerated Failure Time Additive Regression Model. Statistical Society of Canada Annual Meeting, St. Catharines, Ontario, Canada
- 2015/08/05 L Huang, **K Kopciuk**, X Lu. Variable Selection in Accelerated Failure Time Model. International Chinese Statistical Association –Canada Chapter Symposium 2015, Calgary, Alberta, Canada
- 2015/05/28 L Huang, **K Kopciuk**, X Lu. Group selection in accelerated failure time models. 12th PIMS Young Researchers Conference, University of Calgary, Alberta, Canada
- 2013/05/26 L Huang, **K Kopciuk**, X Lu. Jackknife empirical likelihood based variable selection for accelerated failure time model. Statistical Society of Canada (SSC) Annual Meeting, Edmonton, AB
- 2012/06/03 L Huang, **K Kopciuk**, X Lu. Jackknife empirical likelihood for smoothed weighted rank regression with censored data. Statistical Society of Canada (SSC) Annual Meeting, Guelph, ON
- 2011/10/25 Linking data modelling approaches: Application to sample size estimation methods for NMR metabolomics data, The University of Western Ontario, London, Ontario, Canada
- 2011/06/14 Sample size estimation methods for NMR metabolomics data, Statistical Society of Canada, Acadia University, Wolfville, Nova Scotia, Canada
- 2009 A progressive multi-state modelling approach for predicting disease risk in gene mutation carriers: application to HNPCC pedigree data from Newfoundland, Fourth annual Canadian Genetic Epidemiology and Statistical Genetics meeting, Harrison Hot Springs, British Columbia, Canada
- 2008 Modeling risks in HNPCC families: application to a Newfoundland study, Third annual Canadian Genetic Epidemiology and Statistical Genetics meeting, Fields Institute, Toronto, Ontario, Canada
- 2007 Reproducibility of the genotype-phenotype associations in case-control studies, Second annual Canadian Genetic Epidemiology and Statistical Genetics meeting, Fields Institute, Toronto, Ontario, Canada
- 2007 Lifetime physical activity and breast cancer survival, Canadian Society of Epidemiology and Biostatistics, Calgary, Alberta, Canada
- 2006 Penetrance function estimation for carriers of a major gene, First Annual Canadian Genetic Epidemiology and Statistical Genetics meeting, Fields Institute, Toronto, Ontario, Canada
- 2004 Statistical methods in genetics, CIHR Third Annual New Principal Investigators Meeting, Toronto, Ontario, Canada
- 2004/05/31 **Kopciuk KA**, Briollais L, He W, Parkhomenko E, Green J, McLaughlin J. Effects of familial correlation and ascertainment bias on estimating the penetrance of a major gene, Statistical Society of Canada, Montreal, Quebec, Canada

- 2002/05/21 **Kopciuk KA.** Issues in penetrance function estimation when the phenotype is age-at-onset, MITACS biomedical theme meeting, Vancouver, British Columbia, Canada
- 2002/05/29 **Kopciuk KA, Matthews DE.** Flexible regression models for three state progressive processes, with application to AIDS, Statistical Society of Canada, Hamilton, Ontario, Canada
- 1999/06/09 **Kopciuk KA, Cook RJ, Matthews DE.** Efficiency Gains in Survival Analyses Using Interval-censored Auxiliary Data from a Three State Progressive Model. 1999, Statistical Society of Canada, Regina, SK, Canada
- 1996/06/05 **Kopciuk KA, Rosychuk RJ.** Digging up the Dirt on Forest Soils: An Analysis Not for the Skiddish (Case Study Analysis). Statistical Society of Canada, Waterloo, ON, Canada

Oral Presentations-Provincial/Local

- 2024/01/11 Creation of a Métis-Specific Instrument for Cancer Screening. Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada, Virtual presentation
- 2023/01/19 Development and external validation of multivariable risk prediction models for cancer stage at diagnosis. Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada, Virtual presentation
- 2021/11/03 **Kopciuk K.** Student Research in Statistics. Students Interested in Medical Sciences and Biology Students' Association Research Night, University of Calgary, Calgary, AB, Virtual presentation
- 2021/05/25 Genetic Association Studies, Cancer Epidemiology and Prevention Research Statistical Support Group Meeting, Calgary, Alberta, Canada
- 2021/04/27 Introduction to Genetic Epidemiology and Statistical Genetics, Cancer Epidemiology and Prevention Research Statistical Support Group Meeting, Calgary, Alberta, Canada
- 2020/02/25 Bill L, **Kopciuk K,** Letendre A, Yang H. Assessing cancer screening & outcomes among First Nations people in Alberta. Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada, Virtual presentation
- 2020/10/16 **Kopciuk K.** Student Research in Statistics. Students Interested in Medical Sciences and Biology Students' Association Research Night, University of Calgary, Calgary, AB, Virtual presentation
- 2019/05/01 **Kopciuk K,** Kleiwer G, Nation J. Test of cure: Use of Human Papillomavirus (HPV) testing to optimize cervical cancer screening clinical pathway post-treatment. Department of Oncology Prevention Rounds, University of Calgary, Calgary, Alberta
- 2019/03/08 **Kopciuk K,** Kleiwer G. Test of cure: Use of Human Papillomavirus (HPV) testing to optimize cervical cancer screening clinical pathway post-treatment. O'Brien Institute for Public Health and Department of Community Health Sciences Rounds, University of Calgary, Calgary, Alberta
- 2018/05/03 Fu Y, Shen H, Kopciuk K, Yan Y. Treatment Effect Models for Identifying Subgroups with Missing Data. Alberta Mathematics Dialogue Workshop, University of Calgary, Calgary, Alberta, Canada
- 2018/05/03 Metabolomics, Personalized Medicine & Sample Size Estimation. Research Rounds, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2017/09/21 Genetic Inheritance Models in Cancer, Research Forum, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2017/03/15 Colorectal Cancer Detection, Staging and Prognostication using Serum Metabolomics - Hope or Hype? Oliver F. Bathe, Farshad Farshidfar, **Karen A Kopciuk,** Tom Baker Cancer Centre Grand Rounds Presentation, Calgary, Alberta, Canada
- 2016/07/13 Reproducible Research, Research Forum, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2016/02/10 Survival Analysis, Epi-Biostats Rounds, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2015/12/09 Regression, Epi-Biostats Rounds, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2015/11/20 Panel member, Mathematics and Science Forum, Women in Leadership club. University of Calgary, Calgary, AB, Canada

- 2015/09/05 Farris MS, **Kopciuk KA**, Courneya KS, McGregor SE, Friedenreich CM. The impact of physical activity on quality of life in prostate cancer survivors. Campus Alberta Student Conference on Health (CASCH), Banff, Alberta, Canada.
- 2015/09/04 Seeing the world through a mathematical lens, Statistics Journal Club, AHS, Calgary, Alberta, Canada
- 2014/10/22 Wang Q, **Kopciuk KA**. Joint Models, Research rounds, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2014/04/02 The role of statistics at the population and personal level in the fight against cancer, Research rounds, Cancer Epidemiology and Prevention Research, Calgary, Alberta, Canada
- 2013/08/21 Lu D, de Leon A, Bathe O, Weljie A, McConnell Y, **Kopciuk KA**. Lassoing metabolites: feature selection methods that find biological signals. Southern Alberta Cancer Research Institute Summer Student Research Day, Calgary, AB
- 2011/08/18 Huang L, **Kopciuk KA**, Dort J, Brockton NT. Evaluation of biomarkers in oral cancer. Southern Alberta Cancer Research Institute Summer Student Research Day, Calgary, AB
- 2011/08/18 Leugner D, Hamilton T, Bathe O, **Kopciuk KA**. Novel cytokine biomarkers for colorectal cancer liver metastases: exploratory analysis. Southern Alberta Cancer Research Institute Summer Student Research Day, Calgary, AB
- 2011/10/22 Linking data modelling approaches: Application to sample size estimation methods for NMR metabolomics data, 33rd annual Alberta statisticians' meeting, Calgary, Alberta, Canada
- 2009/11/24 Distinguishing benign from malignant pancreatic disease by serum metabolomic profile, Alberta Cancer Research Institute annual meeting, Banff, Alberta, Canada
- 2009/10/24 Choi Y-H, Briollais L, **Kopciuk KA**. A progressive multi-state modelling approach for predicting disease risk in gene mutation carriers: application to HNPCC pedigree data from Newfoundland, The 31st annual Alberta Statisticians' meeting, Calgary, Alberta, Canada
- 2007/04/05 Survival data: model choice and assessing fit, Population Health Research Statistics Group, Calgary, Alberta, Canada
- 2006/10/26 An introduction to the Statistical Society of Canada, Statistics seminar, University of Calgary, Calgary, Alberta, Canada
- 2006/03/09 **Kopciuk KA**, Speidel T. Statistics, ethics & scientific misconduct, Population Health Research Statistics Group, Calgary, Alberta, Canada
- 2006 The molecular profiles of tumour cells and stromal cells isolated from biopsies of chemosensitive and chemoresistent colorectal liver metastases, Alberta Cancer Board annual research meeting, Calgary, Alberta, Canada
- 2006 Reproducibility of the genotype-phenotype associations in case-control studies: study designs and statistical considerations, Alberta Cancer Board annual research meeting, Banff, Alberta, Canada
- 2005/11/25 **Kopciuk KA**, Damaraju S. Discovering SNPs that are predictive of breast cancer predisposition in populations and of prognostic value in cancer cases, PolyomX group rounds, Calgary, Alberta, Canada
- 2005 Discovering SNPs that are predictive of breast cancer risk, Research rounds, Department of Population Health and Information, Calgary, Alberta, Canada
- 2005/11/10 **Kopciuk KA**, Damaraju S. Discovering SNPs that are predictive of breast cancer predisposition in populations and of prognostic value in cancer cases. Alberta Cancer Board annual research meeting, Banff, Alberta, Canada
- 2004/11/10 **Kopciuk KA**, Arcellana-Panlilio M. Enhancing microarray technology by interdisciplinary collaboration, Alberta Cancer Board annual research meeting, Banff, Alberta, Canada
- 2004/05/10 **Kopciuk KA**, Chen J. Analysis of survival data. SAS users group, Research rounds, Department of Population Health and Information, Calgary, Alberta, Canada
- 2004/01/28 Study designs and measures of association in genetic epidemiology, Research rounds, Department of Population Health and Information, Calgary, Alberta, Canada
- 2003/11/26 Survivor: Toronto, Research rounds, Department of Population Health and Information, Calgary,

Alberta, Canada
2003/10/25 **Kopciuk KA**, Briollais L, McLaughlin J, Green J. Statistical issues in the estimation of cumulative risk for gene carriers. The 25th Annual Alberta Statisticians' Meeting, Calgary, AB, Canada

Poster Presentations

- 2023/05/30 **Kopciuk K**. Data and Knowledge: Considerations for working with data from Indigenous people. Statistical Society of Canada, Ottawa, Ontario, Canada
- 2023/04/17 Fitzgerald L, Orton D, **Kopciuk K**, Vogel HJ, Hilsden R, Bathe OF. Serum-metabolomics as a tool for the early detection of colorectal cancer. AACR, Orlando, FL, USA
- 2020/05/31 Pokharel G and **Kopciuk K**. Ordinal regression modelling of mixed covariate types. Statistical Society of Canada, Ottawa, Ontario. Unable to deliver as conference was cancelled due to *COVID-19 outbreak*.
- 2019/08/13 Osea J, Brocton N, Shearer J, **Kopciuk K**. What happens after breast cancer diagnosis? Charbonneau Cancer Research Institute Summer Student Research Day, Calgary, AB
- 2019/04/01 Pokharel G, **Kopciuk K**. Stage shifting by modifying the determinants of cancer. American Association for Cancer Research meeting, Atlanta, Georgia
- 2019/02/11 Yeasmin F, **Kopciuk KA**. Test of Cure: the health and economic impacts of HPV co-testing in Alberta Cervical Cancer post-treatment pathway. Charbonneau Cancer Research Institute Research Symposium, Calgary, AB
- 2018/08/15 Yeasmin F, **Kopciuk KA**. Using OncoSim to evaluate the health and economic impacts of HPV co-testing in Alberta Cervical Cancer post-treatment pathway. Charbonneau Cancer Research Institute Summer Student Research Day, Calgary, AB
- 2018/06/05 **Kopciuk KA**, Lee CH. Two-stage Modelling Strategy for Ordinal Response Data with Many Predictors. Statistical Society of Canada, Montreal, QC, Canada
- 2017/11/30 Manocha A, **Kopciuk KA**, Brocton N. Impact of Vitamin D intake on serum vitamin D status in Canadian breast cancer patients. Students' Union University of Calgary Undergraduate Research Symposium, Calgary, AB, Canada
- 2017/11/05 Lee CH, **Kopciuk KA**. Do pre-cancer Health Patterns predict cancer stage? The Canadian Cancer Research Conference, Vancouver, BC, Canada
- 2017/11/05 Rattner JI, Shahil A, Keramati R, Farshidfar F, **Kopciuk K**, Knox J, Vogel HJ, Bathe OF. A metabolomics-based adaptive strategy for delivering chemotherapy. The Canadian Cancer Research Conference, Vancouver, BC, Canada
- 2017/06/13 Scory T, **Kopciuk KA**. Genetic Risk Prediction for Type X Colorectal Cancer Families. Statistical Society of Canada, Winnipeg, MB, Canada
- 2017/05/30 Friedenreich CM, Farris MS, **Kopciuk KA**, McGregor SE, Courneya KS. Weight trajectories, adiposity measurements of obesity and survival after prostate cancer diagnosis. Canadian Society of Epidemiology and Biostatistics National Conference, Banff, AB
- 2017/01/30 Genetic Risk Prediction for Type X Colorectal Cancer Families. T. Scory, **K. Kopciuk**. Charbonneau Cancer Research Institute Symposium, Calgary, AB
- 2016/10/08 Addressing disease-progression in *EGFRmut+* NSCLC patients. R. Tudor, **K. Kopciuk**, A. D'Silva, D. Brenner, D. Morris, D.G. Bebb. European Society for Medical Oncology, Copenhagen, Denmark
- 2016/10/10 An overall workflow for the development of a multivariate model for prognostication of cancers. F. Farshidfar, **K. Kopciuk**, O.F. Bathe. Cell Symposia: Technology. Biology. Data Science. Berkeley, California
- 2016/06/22 Farris MS, **Kopciuk KA**, Courneya KS, McGregor SE, Friedenreich CM. Quality of life trajectories after prostate cancer diagnosis: the role of physical activity and prognostic factors. 2016 Epidemiology Congress of the Americas, Miami, Florida, USA
- 2016/02/06 Analysis of Longitudinal Data, Dong Y, Thirukkumaran C, Morris D, **Kopciuk K**. Charbonneau Cancer Research Institute Symposium, Calgary, AB

- 2016/02/06 Development of a metabolomic biomarker for prognostication of colorectal cancer liver metastasis, Farshidfar F, **Kopciuk K**, Vogel HJ, Bathe OF. Charbonneau Cancer Research Institute Symposium, Calgary, AB
- 2016/02/06 Assessing response in colorectal cancer cells and the development of a novel metabolomics biomarker of response, Amin S, Farshidfar F, **Kopciuk K**, Vogel HJ, Bebb G, Bathe OF. Charbonneau Cancer Research Institute Symposium, Calgary, AB
- 2016/02/06 The impact and change in lifetime and post-diagnosis physical activity on quality of life in prostate cancer survivors, Farris MS, Courneya KS, **Kopciuk KA**, McGregor E, Friedenreich CM. Charbonneau Cancer Research Institute Symposium, Calgary, AB
- 2015/11/10 Friedenreich CM, Wang Q, Neilson HK, **Kopciuk KA**, McGregor SE, Courneya KS. Pre- and post-diagnosis physical activity and survival after prostate cancer: A prospective cohort study in Alberta, 1997-2014. Canadian Cancer Research Conference, Montreal, QC
- 2015/11/10 Amin S, Farshidfar F, **Kopciuk K**, Vogel HJ, Bebb G, Bathe OF. Response-related metabolomics changes in colorectal cancer cells treated with neoplastic agents: The basis of a novel biomarker. Canadian Cancer Research Conference, Montreal, QC
- 2015/08/21 Scory T, Briollais L, Choi Y-H, **Kopciuk K**. Describing Screening Activities of Lynch Syndrome Families from the Colorectal Cancer Family Registry. Southern Alberta Cancer Research Institute Summer Student Research Day, Calgary, AB
- 2015/04/21 Thirukkumaran C, Shi Z-Q, Luider J, Kopciuk K, Neri P, Bahlis N, Morris D. Synergistic mechanisms of oncolytic reovirus with bortezomib in overcoming therapy resistance of multiple myeloma. American Association for Cancer Research, Philadelphia, PA
- 2015/01/30 Ruan J, Farshidfar F, Bathe OF, **Kopciuk KA**. A novel distribution-based imputation method to optimize biomarker selection for metabolomics experiments. Southern Alberta Cancer Research Institute Research Symposium, Calgary, AB
- 2015/01/30 Amin S, Farshidfar F, **Kopciuk KA**, Vogel HJ, Bathe OF. Chemotherapy induced changes in the metabolome of colorectal cancer cells. Southern Alberta Cancer Research Institute Research Symposium, Calgary, AB
- 2015/01/30 Farshidfar F, **Kopciuk KA**, Vogel HJ, Hilsden R, McGregor E, Vogel HJ, Bathe OF. Metabolic perturbations accompanying colorectal adenoma and colorectal cancer. Southern Alberta Cancer Research Institute Research Symposium, Calgary, AB
- 2015/01/30 Cusulin C, Chesnelong C, Bose P, Bilenky M, **Kopciuk KA**, Chan JA, Cairncross JG, Jones SJ, Marra MA, Luchman HA, Weiss S. Precursor states of brain tumor initiating cell lines are predictive of survival in xenografts and associated with glioblastoma subtypes. Southern Alberta Cancer Research Institute Research Symposium, Calgary, AB
- 2014/06/21 Csizmadi I, Asgari S, **Kopciuk K**, Khandwala F, Friedenreich CM, Yasui Y, Rabasa-Lhoret R, Mignault D, Bryant HE, Robson PJ. Classification of energy intake reporting using the Goldberg method and the Sedentary Time Activity Reporting Questionnaire (STAR-Q): validation against doubly labeled water. Society for Epidemiologic Research, Seattle, WA, United States
- 2014/05/24 Lu D, de Leon A, Bathe O, McConnell Y, Weljie A, **Kopciuk KA**. Performance of four variable selection methods for metabolomics data. Statistical Society of Canada Student Conference, Toronto, Ontario, Canada
- 2014/05/04 **Kopciuk KA**, Choi Y, Swaminathan B, Briollais L. Could a Major Gene Explain the Aggregation of Colorectal Cancer in Type X Families? Canadian Human and Statistical Genetics Conference, Victoria, BC
- 2013/09/27 Pfister T, Wang Q, **Kopciuk KA**, Doyle-Baker P, McLaren L, Matthews CE, Courneya KS, Friedenreich CM. A comparison of two accelerometers for measuring physical activity and sedentary behaviour. Southern Alberta Cancer Research Institute Trainee Day, Calgary, Alberta
- 2013/06/22 Pfister T, Wang Q, **Kopciuk KA**, Doyle-Baker P, McLaren L, Matthews CE, Courneya KS, Friedenreich CM. A comparison of two accelerometers for measuring physical activity and sedentary behaviour. 2013 Canadian Society for Epidemiology and Biostatistics Student Conference, Memorial University, St. John's, NL

- 2013/06/17 Pfister T, Wang Q, **Kopciuk KA**, Doyle-Baker P, McLaren L, Matthews CE, Courneya KS, Friedenreich CM. A comparison of two accelerometers for measuring physical activity and sedentary behaviour. 2013 International Conference on Ambulatory Monitoring of Physical Activity and Movement, University of Massachusetts, Amherst, MA.
- 2010/10/11 Otsuka S, Bebb D, Klimowcz A, **Kopciuk K**, Petrillo S, Magliocco A, Morris D. Localization, expression and impact on outcome of CXCR4 expression in resected early stage Non Small Cell Lung Cancer. European Society of Medical Oncology, Milan, Italy
- 2010/06/18 Wang Y, Weljie A, Bathe O, **Kopciuk KA**. Sample size assessment for metabolomic data using the SAMR program. SACRI/Department of Oncology Training Research Day, Calgary, AB
- 2009 Bathe O, Shaykhutdinov R, Weljie A, **Kopciuk KA**, McKay A, Sutherland F, Dixon E, Vogel B. Distinguishing benign from malignant pancreatic disease by serum metabolomic profile. Alberta Cancer Research Institute Annual Meeting, Banff, AB
- 2009 Choi Y-H, Briollais L, Green J, Parfrey P, **Kopciuk KA**. A progressive multi-state modelling approach for predicting disease risk in gene mutation carriers: Application to HNPCC pedigree data from Newfoundland. Fourth Annual Canadian Genetic Epidemiology and Statistical Genetics Meeting, Harrison Hot Springs, BC
- 2008 **Kopciuk KA**, Choi Y-H, Green J, Briollais L. Modeling risks in HNPCC families: Application to a Newfoundland study. Third Annual Canadian Genetic Epidemiology and Statistical Genetics Meeting, Fields Institute, Toronto, ON
- 2007 **Kopciuk KA**, Cass C, Greiner R, Mackey J, Damaraju S. Reproducibility of the genotype-phenotype associations in case-control studies. Second Annual Canadian Genetic Epidemiology and Statistical Genetics Meeting, Fields Institute, Toronto, ON
- 2007/05/31 Gregory J, **Kopciuk KA**, Courneya KS, Mackey JR, Friedenreich C. Lifetime physical activity and breast cancer survival. Canadian Society of Epidemiology and Biostatistics, Calgary, AB
- 2006 Koppel J, Gratton K, **Kopciuk KA**, Zheng C, Arcellana-Panlilio M, Bathe O. The molecular profiles of tumour cells and stromal cells isolated from biopsies of chemo sensitive and chemoresistent colorectal liver metastases. Alberta Cancer Board Annual Research Meeting, Banff, AB
- 2006 **Kopciuk KA**, Zheng C, Cass C, Greiner R, Mackey J, Damaraju S. Reproducibility of the genotype-phenotype associations in case-control studies: study designs and statistical considerations. International Biometric Conference, Montreal, QC
- Kopciuk KA**, Zheng C, Cass C, Greiner R, Mackey J, Damaraju S. Reproducibility of the genotype-phenotype associations in case-control studies: study designs and statistical considerations. Alberta Cancer Board Annual Research Meeting, Banff, AB
- 2006 **Kopciuk KA**, Briollais L, Parkhomenko E, Parfrey P, McLaughlin J, Green J. Penetrance function estimation for carriers of a major gene. First Annual Canadian Genetic Epidemiology and Statistical Genetics Meeting, Fields Institute, Toronto, ON
- 2004 **Kopciuk KA**. Statistical methods in genetics. CIHR Annual New Principal Investigators Meeting, Toronto, ON
- 2002 Nottage MK, **Kopciuk KA**, Tzontcheva A, Andrulis IL, Bull SB, Blackstein ME. Analysis of incidence and prognostic factors for local recurrence and its impact on survival of women with node-negative breast cancer. San Antonio Breast Cancer Symposium, San Antonio, TX
- 1999 **Kopciuk KA**, Cook RJ, Matthews DE. Efficiency gains in survival analyses using interval-censored auxiliary data from a three state progressive model. Joint Statistical Meetings, Baltimore, Maryland
- 1996 **Kopciuk KA**, Matthews DE. Analysis under a continuous-time Markov Model: Psoriatic Arthritis Data Analysis. 1996, Statistical Society of Canada, Waterloo, ON

iii. Interviews and Media Relations

- 2021/06/21 Nishtohtamihk li kaansyr (understanding cancer). <https://ucalgary.ca/news/community-led-research->

- 2017/04/18 [strengthens-connections-between-ucalgary-and-metis-nation-alberta](#)
Kopciuk KA. Wearable device analysis that predicts risk of disease wins \$100,000 prize.
<http://www.ucalgary.ca/utoday/issue/2017-04-18/wearable-device-analysis-predicts-risk-disease-wins-100000-prize>
- 2017/04/11 **Kopciuk KA.** University of Calgary Biostatistics Centre initiative gets national recognition. Utoday. The University of Calgary. Retrieved from <http://www.ucalgary.ca/utoday/issue/2017-04-11/university-calgary-biostatistics-centre-initiative-gets-national-recognition>
- 2012/09/12 **Kopciuk KA.** Blood test takes stage. UToday, The University of Calgary. Retrieved from <http://www.ucalgary.ca/news/utoday/september12-2012/>

iv. Intellectual Property

1. Qualisure Diagnostics Inc. submitted a Patent Cooperation Treaty application for Thyroid Guide Px™ in April 2021. I am a shareholder in this company and this work is based in part on the HighLifeR machine learning algorithm I co-created.
2. Farshidfar F, A. Weljie, **Kopciuk KA**, Vogel H, Bathe O, A. A US Provisional Patent (US20150099668 A1) for *Metabolite biomarkers for staging colorectal cancer* is pending.
3. Bathe O, Vogel H, Weljie A, McConnell Y, Shaykhutdinov R, and **Kopciuk KA** (equal contributors). A US Provisional Patent application (Serial No. 62/094,700) for *Metabolomics for diagnosing pancreatic cancer* is submitted by legal counsel through Innovate Calgary. December 16, 2015

X. PUBLICATIONS

i. Peer Reviewed Manuscripts

1. Pokharel G, Wang Q, Khan M, Robson P, Shack L, Kopciuk KA. Stage shifting by modifying the determinants of breast cancer at diagnosis: a simulation study. *Cancers* 2024, 16(6), 1201; <https://doi.org/10.3390/cancers16061201>
2. Letendre A, Shewchuk B, Heal, BA, Chiang B, Bill L, Newsome J, Rahul CH, Yang H, and **Kopciuk K**. Breast Cancer Screening Outcomes in First Nations people in Alberta. *Cancer Control* 2024, 31, p.10732748241230763
3. Ghebrial M, Wang Q, Zhang R, Robson PJ, Shack L, and Kopciuk KA. Predictors of Primary Cutaneous Melanoma Stage at Diagnosis: Observations from Alberta's Tomorrow Project. Accepted by *Annals of Cancer Epidemiology* Jan 2024.
4. Letendre A, Khan M, Bartel R, Chiang B, James A, Shewchuk B, Kima J, Macphail M, Vaska M, Schwann M, Yang H, **Kopciuk KA**. Creation of a Métis-specific instrument to determine barriers and facilitators to cancer-screening: A scoping review of cancer-screening programs and instruments. *Current Oncology* 30(11), 9849-9859; <https://doi.org/10.3390/curroncol30110715>
5. Aktary LM, Shewchuk B, Wang Q, Hyndman E, Shack L, Robson PJ, **Kopciuk KA**. Health-related and psychosocial factors associated with prostate cancer stage at diagnosis among males participating in Alberta's Tomorrow Project. *Prostate Cancer* Nov 10, 2023:4426167. doi: 10.1155/2023/4426167. eCollection 2023.
6. Craig S, Stretch C, Farshidfar F, Sheka D, Alabi N, Siddiqui A, **Kopciuk K**, Park YJ, Khalil M, Khan F, Harvey A, Bathe OF. A Clinically Useful and Biologically Informative Genomic Classifier for Papillary Thyroid Cancer. *Frontiers in Endocrinology*, section Thyroid Endocrinology, September 12, 2023, DOI 10.3389/fendo.2023.1220617
7. Biziaev T, Aktary ML, Wang Q, Chekouo T, Bhatti P, Shack L, Robson PJ, and **Kopciuk KA**. Development and external validation of partial proportional odds risk prediction models for cancer stage at diagnosis among males and females in Canada. *Cancers* 2023. 15(14), 3545; <https://doi.org/10.3390/cancers15143545>
8. Manocha A, Brockton N, Cook, L, **Kopciuk K**. Low serum vitamin D associated with increased tumour size and higher grade in premenopausal Canadian women with breast cancer. *Clinical Breast Cancer* 23 (6), E368-E376, AUGUST 2023.
9. Aktary M, Shewchuk B, Wang Q, Hyndman E, Shack L, Robson PJ, **Kopciuk KA**. Health-related and psychosocial factors associated with prostate cancer stage at diagnosis among males participating in Alberta's Tomorrow Project. *Prostate Cancer*. 2023 Nov 10:2023:4426167. doi: 10.1155/2023/4426167. eCollection 2023
10. Rattner JI, Kopciuk **KA**, Vogel HJ, Tang PA, Shapiro JD, Tu D, Jonker DJ, Siu LL, O'Callaghan CJ, Bathe OF. Clinical and Metabolomic Characterization of Brivanib-Induced Hypertension. *Cancer Medicine* 2023;12(15) 16019-16031.
11. Prieur A, Harper A, Khan M, Vire B, Joubert D, Payen L, **Kopciuk K**. Plasma hPG80 (Circulating Progastrin) as a Novel Prognostic Biomarker for early-stage breast cancer in a breast cancer cohort. *BMC Cancer* 2023 23, Article

number: 305

12. Courneya KS, An K-Y, Arthuso FZ, Bell GJ, Morielli AR, McNeil J, Wang Q, Allen SJ, Ntoukas SM, McNeely ML, Vallance JK, Culos-Reed SN, **Kopciuk K**, Yang L, Matthews CE, Filion M, Dickau L, Mackey JR & Friedenreich CM. Associations between health-related fitness and quality of life in newly diagnosed breast cancer patients *Breast Cancer Research and Treatment* 2023. 199(3), 533-544.
13. Craig, S., Stretch, C., Farshidfar, F., Sheka, D., Alabi, N., Siddiqui, A., Kopciuk, K., Park, Y.J., Khalil, M., Khan, F.M. and Harvey, A., 2022. A Clinically Useful and Biologically Informative Genomic Classifier for Papillary Thyroid Cancer. *bioRxiv*, pp.2022-12.
14. Wang Q, Spinelli JJ, Shack L, Robson PJ, **Kopciuk KA**. Pre-diagnosis lifestyle, health and family history factors associations with stage at breast cancer diagnosis – potential targets to shift stage lower. *Cancer Epidemiology* 2022 78:102152.
15. Aktary M, Ghebrial M, Wang Q, Shack L, Robson PJ, **Kopciuk KA**. Health-related and behavioural factors associated with lung cancer stage at diagnosis: Observations from Alberta’s Tomorrow Project. *Cancer Control* 2022 29:10732748221091678.
16. Wang X, Mickiewicz B, Thompson GC, Joffe AR, Blackwood J, Vogel HJ, **Kopciuk K**. Comparison of two automated targeted metabolomics programs to manual profiling by an experienced spectroscopist for 1H-NMR spectra. *Metabolites* 2022 March 12(3), 227; <https://doi.org/10.3390/metabo12030227>
17. Yang J, Yeasmin F, Kleiwer G, Dickinson J, Nation, J, Shepansky A, Yang H, **Kopciuk K**. Evidence to support change of clinical pathway following colposcopy treatment for cervical intraepithelial neoplasia in Canada. *Journal of Obstetrics and Gynecology Canada* 2022 Vol. 44 (6), 650–657. e1DOI:<https://doi.org/10.1016/j.jogc.2022.01.019>
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v. Under Revision/Review

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