

University of Minnesota Curriculum Vitae

CATHERINE A. MCCARTY
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Education

MS, Clarkson University and Icahn School of Medicine at Mount Sinai	2017
Potsdam, New York	
Major: Bioethics	
Supporting Areas of Emphasis/Concentration: Clinical Ethics specialization	
PhD, University of Pittsburgh	1993
Pittsburgh, Pennsylvania	
Major: Epidemiology	
Dissertation Title: Assessment of the dietary intake in participants of the cholesterol lowering intervention program	
MPH, University of Minnesota, School of Public Health	1990
Minneapolis, Minnesota	
Major: Nutrition	
Dissertation Title: Nurtition and HIV infection	
BS, University of Minnesota, College of Food, Agriculture and Natural Resources	1986
Minneapolis, Minnesota	
Major: Nutrition and Dietetics	

Licenses and Certifications

Healthcare Ethics Consultant - Certified, American Society for Bioethics and Humanities	December 2019 - Present
American Dietetic Association Registered Dietician	1988 - Present

Academic Appointments

Affiliate Faculty	
University of Minnesota Center for Bioethics	2019 - Present
Adjunct Professor	
University of Wisconsin Stevens Point	November 2005 - June 2011
Adjunct Professor	
University of Wisconsin - Madison Department of Population Health Sciences	May 2004 - June 2011

Adjunct Full Professor	
University of Minnesota	April 2003 - 2009
School of Public Health, Division of Epidemiology	
Honorary Associate Professor	
University of Melboure	October 2001 - December 2004
Associate Professor and Head of the Epidemiology Research Unit	
University of Melbourne	January 1999 - July 2001
Department of Ophthalmology	
Student Researcher	
University of Pittsburgh	July 1991 - August 1993
Health Policy Institute and Multi-Center AIDS Cohort Study	
Graduate Student Researcher	
University of Pittsburgh	May 1991 - August 1993
Graduate School of Public Health	
Adjunct Faculty Member	
Laroche College	January 1992 - April 1992
Nursing Program	
Teaching Fellow	
University of Pittsburgh	September 1990 - May 1991
Graduate School of Public Health, Department of	
Epidemiology	
Research Assistant	
University of Minnesota	September 1987 - August 1990
School of Public Health	
Administrative Fellow	
University of Minnesota	July 1989 - June 1990
Extension Service	

Academic Administrative Appointments

Associate Dean for Research	
University of Minnesota	February 2017 - Present
Medical School Duluth Campus, Family Medicine and	
Biobehavioral Health	
Interim Chair	
University of Minnesota	January 2018 - June 2019
Medical School Duluth Campus, Department of Family	
Medicine and Biobehavioral Health	
Senior Research Fellow and Head of the Epidemiology Research	
Unit	
University of Melbourne	September 1993 - December 1996
Department of Ophthalmology	
Mentor	
University of Pittsburgh	June 1993 - August 1993
Graduate School of Public Health, Public Health Careers	
Opportunity Program	

Clinical/Hospital Appointments

Principal Research Scientist and Director of Research Division	
Essentia Institute of Rural Health	December 2014 - February 2017
Duluth, Minnesota	
Principal Research Scientist	

Essentia Institute of Rural Health Duluth, Minnesota	June 2011 - December 2014
Tenured Senior Research Scientist Marshfield Clinic Research Foundation	September 2009 - June 2011
Tenured Senior Research Scientist and Interim Director Marshfield Clinic Center for Human Genetics, Marshfield Clinic Research Foundation	September 2004 - 2009
Tenured Senior Research Scientist and Director Marshfield Clinic Personalized Medicine Research Center, Marshfield Clinic Research Foundation	August 2002 - September 2004
Tenured Senior Research Scientist Marshfield Clinic Marshfield Epidemiology Research Center, Marshfield Clinic Research Foundation	August 2001 - 2002
Nutrition Director Camp Needlepoint	1990 - 1993
Clinical Dietitian Central Medical Center and Hospital Pittsburgh, Pennsylvania	September 1990 - 1991
Clinical Dietitian Park Nicollet Medical Foundation Minneapolis, Minnesota	May 1990 - August 1990

Consulting

Principal Consultant, For Profit Organization, TAC Pharmaceutical Company	2001
Committee Member, Academic, Latrobe University Committee to review undergraduate research methods and statistics teaching	2000
Consultant, For Profit Organization "Dry eye in pilots"	1997
Consultant, Government, Commonwealth Department of Veteran's Affairs "UV-B exposure and cataract"	1997
Consultant, For Profit Organization, EyeSaver Pty Ltd "EyeSaver: Crossover field study evaluation"	1997
Consultant, For Profit Organization, Park Nicollet Medical Center "Focus group report on the Physician Based Nutrition Program"	1989
Consultant, Non-Governmental Organization (NGO), American Heart Association, Minnesota Affiliate	December 1987 - June 1988

Current Membership in Professional Organizations

Fellow, American College of Epidemiology	1993 - Present
American Public Health Association	1993 - Present
American Society for Human Genetics	1993 - Present
International Epidemiological Association	1993 - Present

International Genetic Epidemiology Society	1993 - Present
International Society for Geographical and Epidemiological Ophthalmology	1993 - Present
Society for Epidemiologic Research	1993 - Present
American Dietetic Association	1990 - Present
Registration number 724033	

Government Positions

Student Intern

Rhode Island Department of Health WIC Division	July 1988 - August 1988
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HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

University of Minnesota

Borealis Circle by Alumni Society of the University of Minnesota College of Food, Agricultural and Natural Resource Sciences In recognition of accomplishments or service, that has brought honor and distinction to the college	2018
Distinguished Alumni Award, University of Minnesota College of Food, Agricultural and Natural Resources Sciences	2009
Buckman Fellowship for Leadership in Philanthropy	2005
Buckman Fellowship for Leadership in Philanthropy	2004

External Sources

Gold Fellow of the Association for Research in Vision and Ophthalmology	2015
Ojibwa District award, Samoset Council, Boy Scouts of America Ojibwa District Scouter of the Year Award, Samoset Council, Boy Scouts of America	2011 2010
Silver Fellow of the Association for Research in Vision and Ophthalmology	2010
Gwen D. Sebold Research Fellowship Award, Marshfield Clinic Invited scientist, National Academies Keck Futures Initiative	2006 2005
Fellow, American College of Epidemiology	2002
Member, Delta Omega Public Health Honor Society	1999
Victorian Public Health Research Award for Excellence Awarded to the Epidemiology Research Unit and the Eye Health Promotion Unit of the Centre for Eye Research Australia for innovative eye research with indigenous and non-indigenous people in Victoria	1999
Rhoto Travel Award for Young Asian Scientists To attend the Second Asian Cataract Research Conference, Pusan, Korea	1998
Travel Award For International Forum on Advanced Techniques in Lens and Cataract Research, Kanazawa, Japan	1995
Kraft General Foods Doctoral Dissertation Fellowship Award 1991-1993	1991

National Heart, Lung and Blood Institute (NIH) Scholarship To attend "Well Controlled Studies of Diet and Lipid Metabolism in Humans" workshop	1991
Society for Nutrition Education Travel Award To attend the annual meeting	1989

RESEARCH AND SCHOLARSHIP

Awards and Projects Routed through Sponsored Projects Administration (External Sources)

Current:

1. Award: REVEAL - Research Evaluating Vagal Excitation and Anatomical Linkages.

Principal Investigator: Osborn, John W.
Sponsoring Organization Reference ID: 1U54AT012307-01
Status: Accepted
Sponsoring Organization: NATIONAL INSTITUTES OF HEALTH (NIH)
Award Dates: September 23, 2022 - August 31, 2025

1. Project: REVEAL - Research Evaluating Vagal Excitation and Anatomical Linkages.

Project Team: McCarty, Catherine, A. (Co-Investigator), Singh, Amar (Co-Investigator), Dudley, Samuel (Co-Investigator), Keller-Ross, Manda, L. (Co-Investigator), Mueller, Bryon, A. (Co-Investigator), Panoskalsis-Mortari, Angela (Co-Investigator), Park, Michael, C. (Co-Investigator), Talkachova, Alena (Co-Investigator), Crawford, Peter (Co-Investigator), Eberly, Lynn, E. (Co-Investigator), Meyer, Markus (Co-Investigator), Murray, Thomas, A. (Co-Investigator), Drawz, Paul, E. (Co-Investigator), Puchalska, Patrycja (Co-Investigator), Tignanelli, Christopher, J. (Co-Investigator), Hering, Bernhard, J. (Co-Investigator), Lim, Kelvin, O. (Co-Investigator), Loavenbruck, Adam, J. (Co-Investigator), Nahas, Ziad (Co-Investigator), Netoff, Theoden, I. (Co-Investigator), Osborn, John, W. (Principal), Fonkoue, Ida-Arlaine, T. (Co-Investigator), Darrow, David (Co-Investigator), Walczak, Thaddeus, S. (Co-Investigator), Henry, Thomas, R. (Co-Investigator), Ikramuddin, Sayeed (Co-Investigator), Johnson, Matthew, D. (Co-Investigator), Lim, Hubert, H. (Co-Investigator), Ramachandran, Sabarinathan (Co-Investigator)

Status: Approved
Project Dates: September 23, 2022 - August 31, 2025

2. Project: CLINICAL CORE DULUTH FAM MED

Project Team: McCarty, Catherine, A. (Principal)
Status: Approved
Project Dates: September 23, 2022 - August 31, 2025

Pending:

1. Proposal: Addressing Vaccine Hesitancy in Rural America Using a Community-Engaged Approach- Resubmission

Role: Principal
Status: Submitted
Sponsoring Organization: NATIONAL INSTITUTES OF HEALTH (NIH)
Date Submitted: November 4, 2021

Past:

1. **Award: The patient-centered Network of Learning Health Systems (LHSNet) CDRN project phase II**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 10%), V R. (Principal)
Status: Funded
Sponsoring Organization: Patient Centered Outcomes Research Institute
Award Dates: 2015 - 2018
Percent Effort: 10%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,096,907.00
2. **Award: Implementing cancer prevention using patient-provider clinical decision support**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 15%), Elliott, T (Principal)
Status: Funded
Sponsoring Organization: National Cancer Institute
Award Dates: 2016 - 2017
Percent Effort: 15%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$4,400,000.00
3. **Award: Implementation, adoption, and utility of family history in diverse care settings**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 10%), Ginsburg, G (Principal)
Status: Funded
Sponsoring Organization: National Human Genome Research Institute
Award Dates: 2013 - 2017
Percent Effort: 10%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$1,899,932.00
4. **Award: Developing a research agenda for SMMC trauma program with a focus on traumatic brain injury**
Project Investigators: McCarty, Catherine A. (Principal, 10%)
Status: Funded
Sponsoring Organization: Essentia Health Foundation
Award Dates: 2013 - 2016
Percent Effort: 10%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$473,568.00
5. **Award: IRIS: Incorporating research into sight**
Project Investigators: McCarty, Catherine A. (Principal, 20%)
Status: Funded
Sponsoring Organization: National Human Genome Research Institute
Award Dates: 2011 - 2015
Percent Effort: 20%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,929,685.00
\$151,499 administrative supplement awarded Sept 2011
6. **Award: HPV and oral cancers**
Project Investigators: McCarty, Catherine A. (Principal, 5%)
Status: Funded
Sponsoring Organization: Essentia Health Duluth Clinic Foundation

Award Dates: 2013
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$35,482.00

7. Award: HPV and oral cancers

Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Whiteside Institute for Clinical Research
Award Dates: 2013
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$51,415.00

8. Award: Vacations, depression and work productivity

Project Investigators: McCarty, Catherine A. (Principal, 5%)
Status: Funded
Sponsoring Organization: Duluth Clinic Foundation Board
Award Dates: 2012 - 2013
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$105,966.00

9. Award: Pharmacogenetics of obesity and endocannabinergic modulation (POEM)

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Knauss, R
Status: Funded
Sponsoring Organization: National Institute of Diabetes and Digestive and Kidney Diseases
Award Dates: 2009 - 2012
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$511,491.00

10. Award: Cancer research network

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Kushi, L (Principal)
Status: Funded
Sponsoring Organization: National Cancer Institute
Award Dates: 2007 - 2012
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$500,000.00

11. Award: Cancer Research Network comparative effectiveness research in genomic and personalized medicine

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Goddard, K (Principal)
Status: Funded
Sponsoring Organization: National Cancer Institute
Award Dates: 2009 - 2011
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$530,000.00

12. Award: Genome-wide study of cataract and low HDL in the Personalized Medicine Research Project

Project Investigators: McCarty, Catherine A. (Principal, 20%)

Status: Funded

Sponsoring Organization: National Human Genome Research Institute

Award Dates: 2007 - 2011

Percent Effort: 20%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$3,164,974.00

\$150,000 administrative supplement awarded August 2009

13. Award: Genetic epidemiology of endometriosis

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Kemnitz, J (Principal)

Status: Funded

Sponsoring Organization: National Center for Research Resources

Award Dates: 2009 - 2010

Percent Effort: 5%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$376,000.00

14. Award: Polymorphisms in cytochrome b5 and its reductase, and risk of sulfonamide

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Trepanier, L (Principal)

Status: Funded

Sponsoring Organization: Institute of Clinical and Translational Research University of Wisconsin

Award Dates: 2009 - 2010

Percent Effort: 5%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$100,000.00

15. Award: Building a population laboratory for pharmacoepidemiologic and pharmacogenomic studies in cancer: Cardiotoxicity following systemic therapy for breast cancer

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Wagner, E (Principal)

Status: Funded

Sponsoring Organization: National Cancer Institute

Award Dates: 2008 - 2010

Percent Effort: 5%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$288,000.00

16. Award: A case control study to assess association of variations in OCT genes with effectiveness of metformin in diabetic patients

Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Giacomini, K (Principal)

Status: Funded

Sponsoring Organization: Agency for Health Care Research and Quality

Award Dates: 2008 - 2009

Percent Effort: 5%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$90,000.00

17. Award: Pharmacogenomics and risk of cardiovascular disease

Project Investigators: McCarty, Catherine A. (Co-Investigator, 10%), Knauss, R (Principal)

Status: Funded

Sponsoring Organization: National HLBI

Award Dates: 2005 - 2008

- Percent Effort: 10%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,839,731.00
18. **Award: A population-based study of pharmacogenetics and glaucoma**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: American Health Assistance Foundation, National Glaucoma Research Program
Award Dates: 2005 - 2007
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$180,000.00
19. **Award: Educational genetics brochure**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Zaleski, C (Principal)
Status: Funded
Sponsoring Organization: March of Dimes
Award Dates: 2005
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,649.00
20. **Award: The role of cigarette smoking, statin use and genetics in the development of osteoporosis in postmenopausal women**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Giampietro, P
Status: Funded
Sponsoring Organization: Marshfield Clinic Research Committee
Award Dates: 2005
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$44,867.00
21. **Award: Genetic and environmental contributions to Alzheimer's disease**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 5%), Ghebranious, N (Principal)
Status: Funded
Sponsoring Organization: Marshfield Clinic Research Committee
Award Dates: 2004
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$57,000.00
22. **Award: The role of regulation in preventing sports injuries**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Finch, C (Principal)
Status: Funded
Sponsoring Organization: NHMRC Translational
Award Dates: 2001 - 2002
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$200,000.00
23. **Award: A population-based study of progression and risk factors for age-related maculopathy**
Project Investigators: McCarty, Catherine A. (Principal, 25%)
Status: Funded
Sponsoring Organization: National Health and Medical Research Council

Award Dates: 2000 - 2002
Percent Effort: 25%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$1,517,140.00

24. **Award: Retinal camera for CHARM**

Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Hugh D. Williamson Foundation
Award Dates: 2001
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00

25. **Award: Statewide research and evaluation**

Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Keeffe, J (Principal)
Status: Funded
Sponsoring Organization: Victorian Retinopathy Screening Development Program
Award Dates: 2000 - 2001
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$148,900.00

26. **Award: Wagstaff Ophthalmology Research Fellowship**

Project Investigators: McCarty, Catherine A. (Principal, 50%)
Status: Funded
Sponsoring Organization: Royal Victorian Eye and Ear Hospital
Award Dates: 1999 - 2001
Percent Effort: 50%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$1,020,000.00

27. **Award: Australia India collaboration in the interpretation and dissemination of ophthalmic epidemiology data**

Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Australia-India Council
Award Dates: 2000
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$8,670.00

28. **Award: Further follow-up of health care practitioners in relation to the NHMRC guidelines for diabetic retinopathy**

Project Investigators: McCarty, Catherine A. (Principal, 5%)
Status: Funded
Sponsoring Organization: National Diabetes Strategy
Award Dates: 2000
Percent Effort: 5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$15,385.00

29. **Award: Retinal camera for CHARM**

Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Ramaciotti Foundation
Award Dates: 2000

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00

30. **Award: Solar radiation, cataract and age-related macular degeneration**

Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: University of Melbourne International Collaborative Research Program

Award Dates: 2000

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$3,110.00

31. **Award: The Visual Impairment Project Incidence Study**

Project Investigators: McCarty, Catherine A. (Principal, 20%)

Status: Funded

Sponsoring Organization: Victorian Health Promotion Foundation

Award Dates: 1999 - 2000

Percent Effort: 20%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$380,000.00

32. **Award: FDT evaluation**

Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: Royal Victorian Eye and Ear Hospital Research Committee

Award Dates: 1999

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,570.00

33. **Award: Office refurbishment**

Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: University of Melbourne Faculty Minor Works Program

Award Dates: 1999

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$5,000.00

34. **Award: The Visual Impairment Project Incidence Study**

Project Investigators: McCarty, Catherine A. (Principal, 20%)

Status: Funded

Sponsoring Organization: National Health and Medical Research Council

Award Dates: 1999

Percent Effort: 20%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$102,343.00

35. **Award: Study of utility of vision screening in aged care centres**

Project Investigators: McCarty, Catherine A. (Co-Investigator, 10%), Keeffe, J (Principal)

Status: Funded

Sponsoring Organization: Department of Human Services

Award Dates: 1998 - 1999

Percent Effort: 10%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$320,000.00

36. **Award: The Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Taylor, H (Principal)
Status: Funded
Sponsoring Organization: Jack Brockhoff Foundation
Award Dates: 1998 - 1999
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$240,000.00
37. **Award: Equipment grant for the Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Appel Family Bequest
Award Dates: 1998
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$5,000.00
38. **Award: Equipment grant for the Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Principal)
Status: Funded
Sponsoring Organization: Eye, Ear, Nose and Throat Research Institute
Award Dates: 1998
Funded Amount for Entire Grant Period or Proposed Grant Period: \$11,400.00
39. **Award: Equipment grant for the Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Hugh D. Williamson Foundation
Award Dates: 1998
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$5,000.00
40. **Award: Equipment grant for the Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Rothschild Australia
Award Dates: 1998
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$11,250.00
41. **Award: Grant for the Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Eye, Ear, Nose and Throat Research Institute
Award Dates: 1998
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$23,144.00
42. **Award: Visit by Dr. Dandona**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded

- Sponsoring Organization: Johnson & Johnson Medical Education Foundation
Award Dates: 1998
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,240.00
43. **Award: The Visual Impairment Project Incidence Study**
Project Investigators: McCarty, Catherine A. (Principal, 40%)
Status: Funded
Sponsoring Organization: Public Health Research and Development Committee
Award Dates: 1997 - 1998
Percent Effort: 40%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$446,684.00
44. **Award: The Visual Impairment Project Incidence Study**
Project Investigators: McCarty, Catherine A. (Principal, 20%)
Status: Funded
Sponsoring Organization: Public Health Research and Development Committee
Award Dates: 1997 - 1998
Percent Effort: 20%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$223,342.00
45. **Award: Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 40%), Taylor, H (Principal)
Status: Funded
Sponsoring Organization: Victorian Health Promotion Foundation
Award Dates: 1996 - 1998
Percent Effort: 40%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$900,000.00
46. **Award: The Melbourne VIP and the low vision unit**
Project Investigators: McCarty, Catherine A. (Principal, 10%)
Status: Funded
Sponsoring Organization: Jack Brockhoff Foundation
Award Dates: 1995 - 1998
Percent Effort: 10%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$495,000.00
47. **Award: Barriers to employment in adults with vision impairment**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 10%), Keeffe, J (Principal)
Status: Funded
Sponsoring Organization: Victorian Department of Human Services Division of Public Health
Award Dates: 1997
Percent Effort: 10%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$55,538.00
48. **Award: Equipment grant for the Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Eye, Ear, Nose and Throat Research Institute
Award Dates: 1997

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$18,230.00

49. Award: Grant to evaluate the NHMRC guidelines for diabetic retinopathy

Project Investigators: McCarty, Catherine A. (Principal, 10%)

Status: Funded

Sponsoring Organization: Diabetes Australia

Award Dates: 1997

Percent Effort: 10%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$33,740.00

50. Award: Collaboration with Dr. Mylan Van Newkirk and the Hong Kong Adult Vision Pilot Study

Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: Bilateral Science and Technology Program

Award Dates: 1996

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$3,200.00

51. Award: Equipment grant for the Visual Impairment Project

Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Taylor, H (Principal)

Status: Funded

Sponsoring Organization: Ian Potter Foundation

Award Dates: 1996

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00

52. Award: Equipment grant for the Visual Impairment Project

Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Taylor, H (Principal)

Status: Funded

Sponsoring Organization: Ian Potter Foundation

Award Dates: 1996

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00

53. Award: Visiting Research Scholar Award for Dr. Mylan Van Newkirk from the Chinese University of Hong Kong

Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: University of Melbourne

Award Dates: 1996

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$9,000.00

54. Award: Equipment grants for the Melbourne Visual Impairment Project

Project Investigators: McCarty, Catherine A. (Co-Investigator), Taylor, H (Principal)

Status: Funded

Sponsoring Organization: Feilman Foundation

Award Dates: 1995

Funded Amount for Entire Grant Period or Proposed Grant Period: \$4,500.00

55. **Award: Equipment grants for the Melbourne Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Taylor, H (Principal)
Status: Funded
Sponsoring Organization: Felton Bequest
Award Dates: 1995
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00
56. **Award: Equipment grants for the Melbourne Visual Impairment Project**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 0%), Taylor, H (Principal)
Status: Funded
Sponsoring Organization: William Angliss
Award Dates: 1995
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00
57. **Award: Grant for collaboration with LV Prasad Eye Institute in India**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: Bilateral Science and Technology Program
Award Dates: 1995
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$6,000.00
58. **Award: International Exchange Agreements Collaborative Research Award for collaboration with the Chinese University of Hong Kong**
Project Investigators: McCarty, Catherine A. (Principal, 0%)
Status: Funded
Sponsoring Organization: University of Melbourne
Award Dates: 1995
Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00
59. **Award: Melbourne VIP**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 25%), Taylor, H (Principal)
Status: Funded
Sponsoring Organization: National Health and Medical Research Council
Award Dates: 1995
Percent Effort: 25%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$45,000.00
60. **Award: Research mentor project**
Project Investigators: McCarty, Catherine A. (Principal)
Status: Funded
Sponsoring Organization: University of Melbourne
Award Dates: 1995
Funded Amount for Entire Grant Period or Proposed Grant Period: \$6,500.00
61. **Award: The Melbourne VIP nursing home study**
Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: ORIA

Award Dates: 1995

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$5,000.00

62. Award: Travel grant to attend ARVO

Project Investigators: McCarty, Catherine A. (Principal, 0%)

Status: Funded

Sponsoring Organization: Ian Potter Foundation

Award Dates: 1994

Percent Effort: 0%

Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,500.00

Other Grants, Awards, Gifts, or Endowment Earnings (Internal Sources)

Current:

- 1. Award: Center for Community Engaged Rural Dementia and Alzheimer's Research (CERDAR)**
Project Investigators: McCarty, Catherine A. (Co-Investigator)
Status: Funded
Sponsoring Organization: Med School Academic Investment Research Program
Award Dates: 2020 - 2023
Funded Amount for Entire Grant Period or Proposed Grant Period: \$3,750,000.00

Past:

- 1. Award: Toward Pharmacogenomics-Enabled Healthcare at Statewide Scale: Implementing Precision Medicine**
Project Investigators: McCarty, Catherine A. (Co-Principal, 5% Funded: 0%)
Status: Funded
Sponsoring Organization: University of Minnesota Grand Challenges
Institution: University of Minnesota
Award Dates: January 2019 - December 2021
Percent Effort: 5%
Funded Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$235,000.00
- 2. Award: Addressing Social Determinants in the Age of COVID-19**
Project Investigators: McCarty, Catherine A. (Co-Principal, 1.5% Funded: 1.5%)
Status: Funded
Sponsoring Organization: University of Minnesota Medical School
Award Dates: May 2020 - May 2021
Percent Effort: 1.5%
Funded Percent Effort: 1.5%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00
- 3. Award: An Innovative Dementia Friendly Living Space**
Project Investigators: McCarty, Catherine A. (Co-Investigator, 2% Funded: 0%)
Status: Funded

Sponsoring Organization: University of Minnesota Office of Academic Clinical Affairs
Institution: University of Minnesota
Award Dates: February 2020 - September 2020
Percent Effort: 2%
Funded Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$30,000.00

4. Award: Minnesota Practice Based Rural Network to Monitor and Respond to Health Needs in Rural Minnesota

Project Investigators: McCarty, Catherine A. (Principal, 20% Funded: 0%)
Status: Funded

Sponsoring Organization: University of Minnesota Office of Academic Clinical Affairs
Institution: University of Minnesota Office of Academic Clinical Affairs
Date Proposal Submitted: June 2020
Award Dates: July 2019 - December 2019
Percent Effort: 20%
Funded Percent Effort: 0%
Funded Amount for Entire Grant Period or Proposed Grant Period: \$30,000.00

Publications

Asterisk() - indicates co-first author
Underline - indicates student author*

Peer-Reviewed Publications

1. Schmidt, A. F., Holmes, M. V., Preiss, D., Swerdlow, D. I., Denaxas, S., Fatemifar, G., Faraway, R., Finan, C., Valentine, D., Fairhurst-Hunter, Z., Hartwig, F. P., Horta, B. L., Hypponen, E., Power, C., Moldovan, M., van Iperen, E., Hovingh, K., Demuth, I., Norman, K., Steinhagen-Thiessen, E., Demuth, J., Bertram, L., Lill, C. M., Coassin, S., Willeit, J., Kiechl, S., Willeit, K., Mason, D., Wright, J., Morris, R., Wanamethee, G., Whincup, P., Ben-Shlomo, Y., McLachlan, S., Price, J. F., Kivimaki, M., Welch, C., Sanchez-Galvez, A., Marques-Vidal, P., Nicolaides, A., Panayiotou, A. G., Onland-Moret, N. C., van der Schouw, Y. T., Matullo, G., Fiorito, G., Guarrera, S., Sacerdote, C., Wareham, N. J., Langenberg, C., Scott, R. A., Luan, J., Bobak, M., Malyutina, S., Pajak, A., Kubanova, R., Tamosiunas, A., Pikhart, H., Grarup, N., Pedersen, O., Hansen, T., Linneberg, A., Jess, T., Cooper, J., Humphries, S. E., Brilliant, M., Kitchner, T., Hakonarson, H., Carrell, D. S., McCarty, C. A., Lester, K. H., Larson, E. B., Crosslin, D. R., de Andrade, M., Roden, D. M., Denny, J. C., Carty, C., Hancock, S., Attia, J., Holliday, E., Scott, R., Schofield, P., O'Donnell, M., Yusuf, S., Chong, M., Pare, G., van der Harst, P., Said, M. A., Eppinga, R. N., Verweij, N., Snieder, H., Christen, T., Mook-Kanamori, D. O., Gustafsson, S., Lind, L., Ingelsson, E., Pazoki, R., Franco, O., Hofman, A., Uitterlinden, A., Dehghan, A., Teumer, A., Baumeister, S., Dörr, M., Lerch, M. M., Völker, U., Völzke, H., Ward, J., Pell, J. P., Meade, T., Christophersen, I. E., der Maitland-van Zee, A. H., Baranova, E. V., Young, R., Ford, I., Campbell, A., Padmanabhan, S., Bots, M. L., Grobbee, D. E., Froguel, P., Thuillier, D., Roussel, R., Bonnefond, A., Cariou, B., Smart, M., Bao, Y., Kumari, M., Mahajan, A., Hopewell, J. C., Seshadri, S., Dale, C., Costa RPE, Ridker, P. M., Chasman, D. I., Reiner, A. P., Ritchie, M. D., Lange, L. A., Cornish, A. J., Dobbins, S. E., Hemminki, K., Kinnersley, B., Sanson, M., Labreche, K., Simon, M., Bondy, M., Law, P., Speedy, H., Allan, J., Li, N., Went, M., Weinhold, N., Morgan, G., Sonneveld, P., Nilsson, B., Goldschmidt, H., Sud, A., Engert, A., Hansson, M., Hemingway, H., Asselbergs, F. W., Patel, R. S., Keating, B. J., Sattar, N., Houlston, R., Casas, J. P., Hingorani, A. D. (2019). Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC cardiovascular disorders*, 19(1), 240. PMID: 31664920 [doi: 10.1186/s12872-019-1187-z](https://doi.org/10.1186/s12872-019-1187-z)
2. Edwards, T. L., Giri, A., Hellwege, J. N., Hartmann, K. E., Stewart, E. A., Jeff, J. M., Bray, M. J., Pendergrass, S. A., Torstenson, E. S., Keaton, J. M., Jones, S. H., Gogoi, R. P., Kuivaniemi, H., Jackson, K. L., Kho, A. N., Kullo, I. J., McCarty, C. A., Im, H. K., Pacheco, J. A., Pathak, J., Williams, M. S., Tromp, G., Kenny, E. E., Peissig, P. L., Denny, J. C., Roden, D. M., Velez Edwards, D. R. (2019). A Trans-Ethnic Genome-Wide Association Study of Uterine Fibroids. *Frontiers in genetics*, 10, 511. PMID: 31249589 [doi: 10.3389/fgene.2019.00511](https://doi.org/10.3389/fgene.2019.00511)
3. Mercaldo, N. D., Brothers, K. B., Carrell, D. S., Clayton, E. W., Connolly, J. J., Holm, I. A., Horowitz, C. R., Jarvik, G. P., Kitchner, T. E., Li, R., McCarty, C. A., McCormick, J. B., McManus, V. D., Myers, M. F., Pankratz, J. J., Shrubsole, M. J., Smith, M. E., Stallings, S. C., Williams, J. L., Schildcrout, J. S. (2019). Enrichment sampling for a multi-site patient survey using electronic health records and census data. *Journal of the American Medical Informatics Association : JAMIA*, 26(3), 219-227. PMID: 30590688 [doi: 10.1093/jamia/ocy164](https://doi.org/10.1093/jamia/ocy164)
4. McCarty, C. A., Barnes, R., Thomas, M., Sande, J., Ouellette, A. (2018). Ethics Committees: Team Perspectives and Organizational Responses. *Journal of Christian nursing : a quarterly publication of Nurses Christian Fellowship*. PMID: 30585882 [doi: 10.1097/CNJ.0000000000000582](https://doi.org/10.1097/CNJ.0000000000000582)

5. Kemmanu, V., Giliyar, S. K., Rao, H. L., Shetty, B. K., Kumaramanickavel, G., McCarty, C. A. (2018). Consanguinity and its association with visual impairment in southern India: the Pavagada Pediatric Eye Disease Study 2. *Journal of community genetics*. PMID: 30506417 [doi: 10.1007/s12687-018-0401-5](https://doi.org/10.1007/s12687-018-0401-5)
6. Mosley, J. D., Benson, M. D., Smith, J. G., Melander, O., Ngo, D., Shaffer, C. M., Ferguson, J. F., Herzig, M. S., McCarty, C. A., Chute, C. G., Jarvik, G. P., Gordon, A. S., Palmer, M. R., Crosslin, D. R., Larson, E. B., Carrell, D. S., Kullo, I. J., Pacheco, J. A., Peissig, P. L., Brilliant, M. H., Kitchner, T. E., Linneman, J. G., Namjou, B., Williams, M. S., Ritchie, M. D., Borthwick, K. M., Kiryluk, K., Mentch, F. D., Sleiman, P. M., Karlson, E. W., Verma, S. S., Zhu, Y., Vasan, R. S., Yang, Q., Denny, J. C., Roden, D. M., Gerszten, R. E., Wang, T. J. (2018). Probing the Virtual Proteome to Identify Novel Disease Biomarkers. *Circulation*, 138(22), 2469-2481. PMID: 30571344 [doi: 10.1161/CIRCULATIONAHA.118.036063](https://doi.org/10.1161/CIRCULATIONAHA.118.036063)
7. Kemmanu, V., Giliyar, S. K., Shetty, B. K., Singh, A. K., Kumaramanickavel, G., McCarty, C. A. (2018). Emerging trends in childhood blindness and ocular morbidity in India: the Pavagada Pediatric Eye Disease Study 2. *Eye (London, England)*, 32(10), 1590-1598. PMID: 29891899 [doi: 10.1038/s41433-018-0142-z](https://doi.org/10.1038/s41433-018-0142-z)
8. Mosley, J. D., Feng, Q., Wells, Q. S., Van Driest, S. L., Shaffer, C. M., Edwards, T. L., Bastarache, L., Wei, W. Q., Davis, L. K., McCarty, C. A., Thompson, W., Chute, C. G., Jarvik, G. P., Gordon, A. S., Palmer, M. R., Crosslin, D. R., Larson, E. B., Carrell, D. S., Kullo, I. J., Pacheco, J. A., Peissig, P. L., Brilliant, M. H., Linneman, J. G., Namjou, B., Williams, M. S., Ritchie, M. D., Borthwick, K. M., Verma, S. S., Karnes, J. H., Weiss, S. T., Wang, T. J., Stein, C. M., Denny, J. C., Roden, D. M. (2018). A study paradigm integrating prospective epidemiologic cohorts and electronic health records to identify disease biomarkers. *Nature communications*, 9(1), 3522. PMID: 30166544 [doi: 10.1038/s41467-018-05624-4](https://doi.org/10.1038/s41467-018-05624-4)
9. Antommari AHM, Brothers, K. B., Myers, J. A., Feygin, Y. B., Aufox, S. A., Brilliant, M. H., Conway, P., Fullerton, S. M., Garrison, N. A., Horowitz, C. R., Jarvik, G. P., Li, R., Ludman, E. J., McCarty, C. A., McCormick, J. B., Mercaldo, N. D., Myers, M. F., Sanderson, S. C., Shrubsole, M. J., Schilderout, J. S., Williams, J. L., Smith, M. E., Clayton, E. W., Holm, I. A. (2018). Parents' attitudes toward consent and data sharing in biobanks: A multisite experimental survey. *AJOB empirical bioethics*, 9(3), 128-142. PMID: 30240342 [doi: 10.1080/23294515.2018.1505783](https://doi.org/10.1080/23294515.2018.1505783)
10. Wu, R. R., Myers, R. A., Sperber, N., Voils, C. I., Neuner, J., McCarty, C. A., Haller, I. V., Harry, M., Fulda, K. G., Cross, D., Dimmock, D., Rakhra-Burris, T., Buchanan, A. H., Ginsburg, G. S., Orlando, L. A. (2018). Implementation, adoption, and utility of family health history risk assessment in diverse care settings: evaluating implementation processes and impact with an implementation framework. *Genetics in medicine : official journal of the American College of Medical Genetics*. PMID: 29875427 [doi: 10.1038/s41436-018-0049-x](https://doi.org/10.1038/s41436-018-0049-x)
11. **McCarty, C. A.**, Woehrle, T. A., Waring, S. C., Taran, A. M., Kitch, L. A. (2018). Implementation of the MEDFRAT to promote quality care and decrease falls in community hospital emergency rooms. *Journal of Emergency Nursing*, 44(3), 280-284. [doi: 10.1016/j.jen.2017.10.007](https://doi.org/10.1016/j.jen.2017.10.007)

12. Huang, J. L., Woehrle, T. A., Conway, P., **McCarty, C. A.**, Eyer, M. M., Eyer, S. D. (2018). Evaluation of a protocol for early detection of delayed brain hemorrhage in head injured patients on warfarin. *European Journal of Trauma and Emergency Surgery*, 1-7. [doi: 10.1007/s00068-018-0924-9](https://doi.org/10.1007/s00068-018-0924-9)
13. Tiwari, A., Self-Brown, S., Lai, B. S., McCarty, C., Carruth, L. (2018). Effects of an evidence-based parenting program on biobehavioral stress among at-risk mothers for child maltreatment: A pilot study. *Social work in health care*, 57(3), 137-163. PMID: 28891758 [doi: 10.1080/00981389.2017.1371096](https://doi.org/10.1080/00981389.2017.1371096)
14. **McCarty, C. A.**, Fuchs, M. J., Lamb, A., Conway, P. (2018). How do patients respond to genetic testing for age-related macular degeneration? *Optometry and Vision Science*, 95(3), 166-170. [doi: 10.1097/OPX.0000000000001188](https://doi.org/10.1097/OPX.0000000000001188)
15. Hall, M. A., Wallace, J., Lucas, A., Kim, D., Basile, A. O., Verma, S. S., **McCarty, C. A.**, Brilliant, M. H., Peissig, P. L., Kitchner, T. E., Verma, A., Pendergrass, S. A., Dudek, S. M., Moore, J. H., Ritchie, M. D. (2017). PLATO software provides analytic framework for investigating complexity beyond genome-wide association studies. *Nature Communications*, 8(1). [doi: 10.1038/s41467-017-00802-2](https://doi.org/10.1038/s41467-017-00802-2)
16. Peissig, P., Schwei, K. M., Kadolph, C., Finamore, J., Cancel, E., **McCarty, C. A.**, Okorie, A., Thomas, K. L., Allen Pacheco, J., Pathak, J., Ellis, S. B., Denny, J. C., Rasmussen, L. V., Tromp, G., Williams, M. S., Vrabec, T. R., Brilliant, M. H. (2017). Prototype development: Context-driven dynamic XML ophthalmologic data capture application. *JMIR Medical Informatics*, 5(3), e27. PMID: 28903894 PMCID: PMC5617903 [doi: 10.2196/medinform.7465](https://doi.org/10.2196/medinform.7465)
17. Mosley, J. D., Shoemaker, M. B., Wells, Q. S., Darbar, D., Shaffer, C. M., Edwards, T. L., Bastarache, L., **McCarty, C. A.**, Thompson, W., Chute, C. G., Jarvik, G. P., Crosslin, D. R., Larson, E. B., Kullo, I. J., Pacheco, J. A., Peissig, P. L., Brilliant, M. H., Linneman, J. G., Witte, J. S., Denny, J. C., Roden, D. M. (2017). Investigating the genetic architecture of the PR interval using clinical phenotypes. *Circulation: Cardiovascular Genetics*, 10(2). [doi: 10.1161/CIRCGENETICS.116.001482](https://doi.org/10.1161/CIRCGENETICS.116.001482)
18. Sanderson, S. C., Brothers, K. B., Mercaldo, N. D., Clayton, E. W., Antommaria, A. H. Matheny, Aufox, S. A., Brilliant, M. H., Campos, D., Carrell, D. S., Connolly, J., Conway, P., Fullerton, S. M., Garrison, N. A., Horowitz, C. R., Jarvik, G. P., Kaufman, D., Kitchner, T. E., Li, R., Ludman, E. J., **McCarty, C. A.**, McCormick, J. B., McManus, V. D., Myers, M. F., Scrol, A., Williams, J. L., Shrubssole, M. J., Schilderout, J. S., Smith, M. E., Holm, I. A. (2017). Public attitudes toward consent and data sharing in biobank research: A large multi-site experimental survey in the U.S. *American Journal of Human Genetics*, 100(3), 414-427. [doi: 10.1016/j.ajhg.2017.01.021](https://doi.org/10.1016/j.ajhg.2017.01.021)

19. Almoguera, B., Vazquez, L., Menth, F., Connolly, J., Pacheco, J. A., Sundaresan, A. S., Peissig, P. L., Linneman, J. G., **McCarty, C. A.**, Crosslin, D., Carrell, D. S., Lingren, T., Namjou-Khales, B., Harley, J. B., Larson, E., Jarvik, G. P., Brilliant, M., Williams, M. S., Kullo, I. J., Hysinger, E. B., Sleiman, P. M., Hakonarson, H. (2017). Identification of four novel loci in asthma in European American and African American populations. *American Journal of Respiratory and Critical Care Medicine*, 195(4), 456-463. PMID: 27611488
PMCID: PMC5378422 [doi: 10.1164/rccm.201604-0861OC](https://doi.org/10.1164/rccm.201604-0861OC)
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22. Jones, G. T., Tromp, G., Kuivaniemi, H., Gretarsdottir, S., Baas, A. F., Giusti, B., Strauss, E., Van'T Hof, F. N.G., Webb, T. R., Erdman, R., Ritchie, M. D., Elmore, J. R., Verma, A., Pendergrass, S., Kullo, I. J., Ye, Z., Peissig, P. L., Gottesman, O., Verma, S. S., Malinowski, J., Rasmussen-Torvik, L. J., Borthwick, K. M., Smelser, D. T., Crosslin, D. R., De Andrade, M., Ryer, E. J., **McCarty, C. A.**, Böttiger, E. P., Pacheco, J. A., Crawford, D. C., Carrell, D. S., Gerhard, G. S., Franklin, D. P., Carey, D. J., Phillips, V. L., Williams, M. J.A., Wei, W., Blair, R., Hill, A. A., Vasudevan, T. M., Lewis, D. R., Thomson, I. A., Krysa, J., Hill, G. B., Roake, J., Merriman, T. R., Oszkinis, G., Galora, S., Saracini, C., Abbate, R., Pulli, R., Pratesi, C., Saratzis, A., Verissimo, A. R., Bumpstead, S., Badger, S. A., Clough, R. E., Cockerill, G., Hafez, H., Scott, D. J., Futers, T. S., Romaine, S. P.R., Bridge, K., Griffin, K. J., Bailey, M. A., Smith, A., Thompson, M. M., Van Bockxmeer, F. M., Matthiasson, S. E., Thorleifsson, G., Thorsteinsdottir, U., Blankensteijn, J. D., Teijink, J. A.W., Wijmenga, C., De Graaf, J., Kiemeney, L. A., Lindholt, J. S., Hughes, A., Bradley, D. T., Stirrups, K., Golledge, J., Norman, P. E., Powell, J. T., Humphries, S. E. (2017). Meta-analysis of genome-wide association studies for abdominal aortic aneurysm identifies four new disease-specific risk loci. *Circulation Research*, 120(2), 341-353. [doi: 10.1161/CIRCRESAHA.116.308765](https://doi.org/10.1161/CIRCRESAHA.116.308765)

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24. Mosley, J. D., Van Driest, S. L., Wells, Q. S., Shaffer, C. M., Edwards, T. L., Bastarache, L., **McCarty, C. A.**, Thompson, W., Chute, C. G., Jarvik, G. P., Crosslin, D. R., Larson, E. B., Kullo, I. J., Pacheco, J. A., Peissig, P. L., Brilliant, M. H., Linneman, J. G., Denny, J. C., Roden, D. M. (2016). Defining a contemporary ischemic heart disease genetic risk profile using historical data. *Circulation: Cardiovascular Genetics*, 9(6), 521-530. [doi: 10.1161/CIRCGENETICS.116.001530](https://doi.org/10.1161/CIRCGENETICS.116.001530)
25. Smith, M. E., Sanderson, S. C., Brothers, K. B., Myers, M. F., McCormick, J., Aufox, S., Shrubsole, M. J., Garrison, N. A., Mercaldo, N. D., Schildcrout, J. S., Clayton, E. W., Antommaria, A. H., Matheny, Basford, M., Brilliant, M., Connolly, J. J., Fullerton, S. M., Horowitz, C. R., Jarvik, G. P., Kaufman, D., Kitchner, T., Li, R., Ludman, E. J., **McCarty, C.**, McManus, V., Stallings, S., Williams, J. L., Holm, I. A. (2016). Conducting a large, multi-site survey about patients' views on broad consent: challenges and solutions. *BMC Medical Research Methodology*, 16(1), 1-11. [doi: 10.1186/s12874-016-0263-7](https://doi.org/10.1186/s12874-016-0263-7)
26. Reis, L. M., Tyler, R. C., Weh, E., Hendee, K. E., Kariminejad, A., Abdul-Rahman, O., Ben-Omran, T., Manning, M. A., Yesilyurt, A., McCarty, C. A., Kitchner, T. E., Costakos, D., Semina, E. V. (2016). Analysis of *CYP1B1* in pediatric and adult glaucoma and other ocular phenotypes. *Molecular vision*, 22, 1229-1238. PMID: 27777502
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Review, Journal

1. Pritchard, D. E., Moeckel, F., Villa, M. S., Housman, L. T., **McCarty, C. A.**, McLeod, H. L. (2017). Strategies for integrating personalized medicine into healthcare practice. *Personalized Medicine* (2nd ed., vol. 14, pp. 141-152). [doi: 10.2217/pme-2016-0064](https://doi.org/10.2217/pme-2016-0064)
2. Crawford, D. C., Crosslin, D. R., Tromp, G., Kullo, I. J., Kuivaniemi, H., Hayes, M. G., Denny, J. C., Bush, W. S., Haines, J. L., Roden, D. M., **McCarty, C. A.**, Jarvik, G. P., Ritchie, M. D. (2014). EMERGEing progress in genomics-the first seven years. *Frontiers in Genetics* (JUN ed., vol. 5). [doi: 10.3389/fgene.2014.00184](https://doi.org/10.3389/fgene.2014.00184)
3. Kullo, I. J., Haddad, R., Prows, C. A., Holm, I., Sanderson, S. C., Garrison, N. A., Sharp, R. R., Smith, M. E., Kuivaniemi, H., Bottinger, E. P., Connolly, J. J., Keating, B. J., **McCarty, C. A.**, Williams, M. S., Jarvik, G. P. (2014). Return of results in the genomic medicine projects of the eMERGE network. *Frontiers in Genetics* (MAR ed., vol. 5).
https://api.elsevier.com/content/abstract/scopus_id/84897743970
4. Hartzler, A., **McCarty, C. A.**, Rasmussen, L. V., Williams, M. S., Brilliant, M., Bowton, E. A., Clayton, E. W., Faucett, W. A., Ferryman, K., Field, J. R., Fullerton, S. M., Horowitz, C. R., Koenig, B. A., McCormick, J. B., Ralston, J. D., Sanderson, S. C., Smith, M. E., Trinidad, S. B. (2013). Stakeholder engagement: A key component of integrating genomic information into electronic health records. *Genetics in Medicine* (10th ed., vol. 15, pp. 792-801). [doi: 10.1038/gim.2013.127](https://doi.org/10.1038/gim.2013.127)

5. Gottesman, O., Kuivaniemi, H., Tromp, G., Faucett, W. A., Li, R., Manolio, T. A., Sanderson, S. C., Kannry, J., Zinberg, R., Basford, M. A., Brilliant, M., Carey, D. J., Chisholm, R. L., Chute, C. G., Connolly, J. J., Crosslin, D., Denny, J. C., Gallego, C. J., Haines, J. L., Hakonarson, H., Harley, J., Jarvik, G. P., Kohane, I., Kullo, I. J., Larson, E. B., **McCarty, C.**, Ritchie, M. D., Roden, D. M., Smith, M. E., Böttinger, E. P., Williams, M. S. (2013). The Electronic Medical Records and Genomics (eMERGE) Network: Past, present, and future. *Genetics in Medicine* (10th ed., vol. 15, pp. 761-771). [doi: 10.1038/gim.2013.72](https://doi.org/10.1038/gim.2013.72)
6. **McCarty, C. A.**, Reding, D. J., Commins, J., Williams, C., Yeager, M., Burmester, J. K., Schairer, C., Ziegler, R. G. (2012). Alcohol, genetics and risk of breast cancer in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial. *Breast Cancer Research and Treatment* (2nd ed., vol. 133, pp. 785-792). [doi: 10.1007/s10549-012-1972-1](https://doi.org/10.1007/s10549-012-1972-1)
7. Choi, J. H., Yee, S. W., Ramirez, A. H., Morrissey, K. M., Jang, G. H., Joski, P. J., Mefford, J. A., Hesselson, S. E., Schlessinger, A., Jenkins, G., Castro, R. A., Johns, S. J., Stryke, D., Sali, A., Ferrin, T. E., Witte, J. S., Kwok, P. Y., Roden, D. M., Wilke, R. A., **McCarty, C. A.**, Davis, R. L., Giacomini, K. M. (2011). A common 5'-UTR variant in MATE2-K is associated with poor response to metformin. *Clinical Pharmacology and Therapeutics* (5th ed., vol. 90, pp. 674-684). [doi: 10.1038/clpt.2011.165](https://doi.org/10.1038/clpt.2011.165)
8. Wilke, R. A., Xu, H., Denny, J. C., Roden, D. M., Krauss, R. M., **McCarty, C. A.**, Davis, R. L., Skaar, T., Lamba, J., Savova, G. (2011). The emerging role of electronic medical records in pharmacogenomics. *Clinical Pharmacology and Therapeutics* (3rd ed., vol. 89, pp. 379-386). [doi: 10.1038/clpt.2010.260](https://doi.org/10.1038/clpt.2010.260)
9. Altman, R. B., Kroemer, H. K., **McCarty, C. A.**, Ratain, M. J., Roden, D. (2011). Pharmacogenomics: Will the promise be fulfilled? *Nature Reviews Genetics* (1st ed., vol. 12, pp. 69-73). [doi: 10.1038/nrg2920](https://doi.org/10.1038/nrg2920)
10. Sidjanin, D. J., **McCarty, C. A.**, Patchett, R., Smith, E., Wilke, R. A. (2008). Pharmacogenetics of ophthalmic topical β -blockers. *Personalized Medicine* (4th ed., vol. 5, pp. 377-385). [doi: 10.2217/17410541.5.4.377](https://doi.org/10.2217/17410541.5.4.377)
11. Uthra, S., Raman, R., Mukesh, B. N., Kumari, R. P., Sharma, T., **McCarty, C. A.**, Kumaramanickavel, G. (2008). Genetics of diabetic retinopathy. *International Journal of Human Genetics* (1-2 ed., vol. 8, pp. 155-159). [doi: 10.1080/09723757.2008.11886027](https://doi.org/10.1080/09723757.2008.11886027)
12. **McCarty, C. A.**, Lee, L., Lee, J. D. (2005). Food offerings in Marshfield area businesses: A survey conducted in collaboration with the healthy lifestyles - Marshfield area coalition. *Wisconsin Medical Journal* (5th ed., vol. 104, pp. 66-69).
https://api.elsevier.com/content/abstract/scopus_id/2544446771
13. Vu, H. T.V., Keeffe, J. E., **McCarty, C. A.**, Taylor, H. R. (2005). Impact of unilateral and bilateral vision loss on quality of life. *British Journal of Ophthalmology* (3rd ed., vol. 89, pp. 360-363). [doi: 10.1136/bjo.2004.047498](https://doi.org/10.1136/bjo.2004.047498)

14. Madden, A. C., Simmons, D., **McCarty, C. A.**, Khan, M. A., Taylor, H. R. (2002). Eye health in rural Australia. *Clinical and Experimental Ophthalmology* (5th ed., vol. 30, pp. 316-321). [doi: 10.1046/j.1442-9071.2002.00549.x](https://doi.org/10.1046/j.1442-9071.2002.00549.x)
15. **McCarty, C. A.**, Taylor, H. R. (2002). A review of the epidemiologic evidence linking ultraviolet radiation and cataracts. *Developments in Ophthalmology* (vol. 35, pp. 21-31). https://api.elsevier.com/content/abstract/scopus_id/0036043869
16. **McCarty, C. A.**, Taylor, H. R. (1996). Recent developments in vision research: Light damage in cataract. *Investigative Ophthalmology and Visual Science* (9th ed., vol. 37, pp. 1720-1723). https://api.elsevier.com/content/abstract/scopus_id/0029836345
17. Livingston, P. M., **Carson, C. A.**, Taylor, H. R. (1995). The epidemiology of cataract: A review of the literature. *Ophthalmic Epidemiology* (3rd ed., vol. 2, pp. 151-164). [doi: 10.3109/09286589509057097](https://doi.org/10.3109/09286589509057097)

Short Survey, Journal

1. **McCarty, C. A.**, Taylor, H. R. (2001). The genetics of cataract. *Investigative Ophthalmology and Visual Science* (8th ed., vol. 42, pp. 1677-1678). https://api.elsevier.com/content/abstract/scopus_id/0034940997
2. **McCarty, C. A.**, Keeffe, J. E., Livingston, P. M., Taylor, H. R. (1996). The importance and state of medical and public health research related to vision in Australia. *Australian and New Zealand Journal of Ophthalmology* (1st ed., vol. 24, pp. 3-5). [doi: 10.1111/j.1442-9071.1996.tb01544.x](https://doi.org/10.1111/j.1442-9071.1996.tb01544.x)

comment, editorial

1. McCarty, C. A. (2004). *Refining the aetiology of myopia through negative results*. (1st ed., vol. 88, pp. 1). The British journal of ophthalmology. PMID: 14693757
2. McCarty, C. A. (2003). *Diabetic retinopathy: yet another reason for a comprehensive eye-care programme for Australian Aborigines and Torres Strait Islanders*. (1st ed., vol. 31, pp. 6-7). Clinical & experimental ophthalmology. PMID: 12580887
3. McCarty, C. A., Taylor, H. R. (2000). *Myopia and vision 2020*. (4th ed., vol. 129, pp. 525-7). American journal of ophthalmology. PMID: 10764864

comment, letter

1. McCarty, C. A., McCarty, D. J., Van Newkirk, M., Taylor, H. R. (1999). *Self-reported diabetes and distribution of HbA1c in a population-based sample in Victoria*. (5th ed., vol. 170, pp. 238-9). The Medical journal of Australia. PMID: 10092928

Patents

1. Intraocular pressure response to topical beta-blockers is associated with an ADRB2 SNP, M08012US.
Filing Date: 2008

Provisional patent application

Presentations

Invited Oral Presentations at International Professional Meetings, Conferences, etc.

Underline - indicates student presenter

1. **McCarty, C. A.** "Overview of the biological rationale for efficacy of nutritional supplements to prevent AMD", Annual Congress, European Vision and Eye Research, Nice, France. (October 4, 2018).
2. **McCarty, C. A.** "How do patients respond to genetic testing for AMD?", Annual Congress of the European Vision and Eye Research, Nice. (September 28, 2017).
3. **McCarty, C. A.** "Ethical issues of collecting DNA", World Ophthalmology Congress, Guadalajara, Mexico. (February 7, 2016).
4. **McCarty, C. A.** "The eMERGE network: Biorepositories linked to electronic medical records data for conducting genomic studies", Up Close and Personal, International Congress on Personalized Medicine, Florence, Italy. (February 3, 2012).
5. **McCarty, C. A.** "Marshfield Personalized Medicine Research Project – Translation to clinical routine", Personalized Medicine Forum, University of Greifswald, Greifswald, Germany. (May 6, 2011).
6. **McCarty, C. A.** "Personalized medicine in ophthalmology", Asia ARVO, Hyderabad, India. (January 15, 2009).
7. **McCarty, C. A.** "Community engagement for a population-based biobank: The Marshfield Clinic Personalized Medicine Research Project experience", European Science Foundation Research Conference "Biobanks: Introduction and Next Steps", Costa Brava, Spain. (November 2, 2008).
8. **McCarty, C. A.** "Genetic epidemiology studies of cataract in a population-based biobank", EVER 2008 Annual Meeting, Slovenia. (October 1, 2008).
9. **McCarty, C. A.** "Personalized medicine in ophthalmology", International Conference on Nano-medicine & Recent Advances in Ophthalmic Research, Chennai, India. (September 3, 2008).
10. **McCarty, C. A.** "Design issues in genetic epidemiology research in ophthalmology", International Ophthalmology Conference, Beijing, China. (November 2003).
11. **McCarty, C. A.** "The importance of epidemiology in the effort of reducing world blindness due to cataract", European Association for Vision and Eye Research Annual Meeting, Alicante, Spain. (October 2003).
12. **McCarty, C. A.** "Personalized Medicine Research Project", P3G and North American Stakeholders' Meeting, Montreal, Canada. (August 2003).
13. **McCarty, C. A.**, Fu, C. L., Taylor, H. R. "Predictors of falls in the Melbourne Visual Impairment Project", Annual Meeting of the Royal Australian College of Ophthalmologists, Sydney, Australia. (November 2000).
14. Keefee, J. E., **McCarty, C. A.**, Taylor, H. R. "The decision to drive, accidents and impaired vision", Annual Meeting of the Royal Australian College of Ophthalmologists, Sydney, Australia. (November 2000).

15. **McCarty, C. A.** "Vision and falls in the Melbourne Visual Impairment Project", National Ageing Research Institute, Melbourne, Australia. (August 21, 2000).
16. **McCarty, C. A.** "Projected numbers of people with eye disease: Implications for research and training", Ophthalmology 2000 Meeting, Melbourne, Australia. (August 9, 2000).
17. **McCarty, C. A.** "Prevalence of visual impairment among older people", 2nd Victorian Conference on Preventing Falls Among Older People, Melbourne, Australia. (June 23, 2000).
18. **McCarty, C. A.** "Teaching epidemiology to mature age students", 2nd Annual Australian International Conference on Teaching Statistics, Melbourne, Australia. (December 10, 1999).
19. **McCarty, C. A.**, Taylor, H. R. "Risk factors for age-related cataract in Australia", XIII International Congress of Eye Research, Paris, France. (July 26, 1998).
20. **McCarty, C. A.**, Taylor, H. R. "An urban/rural comparison of cataract prevalence in Australia", Second Asian Cataract Research Conference, Pusan, Korea, Republic of. (June 4, 1998).
21. Keeffe, J. E., Nottle, H. R., Loh, E., **McCarty, C. A.**, Taylor, H. R. "Testing of a low vision kit", World Congress on Gerontology, Adelaide, Australia. (August 1997).
22. **McCarty, C. A.** "The Melbourne Visual Impairment Project", Christian Blind Mission International, Melbourne, Australia. (December 12, 1996).
23. **Carson, C.**, Maclean, H. "Antioxidants and the eye", Academy for General Practice, Melbourne, Australia. (September 7, 1995).
CME Presentation
24. **Carson, C.**, Keeffe, J. "Visual impairment in older people", Monthly Forum of the Australian Association of Gerontology, Melbourne, Australia. (September 5, 1995).
25. **Carson, C.** "Ophthalmological problems of older people", Public Health Aspects of Ageing Seminar, Melbourne, Australia. (June 13, 1995).
26. Taylor, H. R., **Carson, C.** "Epidemiology of myopia", 15th Congress of the Asia-Pacific Academy of Ophthalmology. (March 6, 1995).
Invited Paper Presented

Invited Oral Presentations at National Professional Meetings, Conferences, etc.

Underline - indicates student presenter

1. **McCarty, C. A., (Speaker)** "PhenX Toolkit for Data Harmonization", 2022 Pediatric Early Development Symposium. (October 13, 2022).
2. **McCarty, C. A.** "Ethics and engagement for precision medicine in rural America", 13th Annual Texas Conference on Health Disparities, Fort Worth, Texas. (June 7, 2018).
3. **McCarty, C. A.** "Genomics and population health", IGNITE Steering Committee Meeting, Duke University, Durham, North Carolina. (June 28, 2017).
4. **McCarty, C. A.** "The eMERGE PgX project: A multi-center pilot study of pre-emptive pharmacogenomics", Precision Medicine Conference, University of Minnesota, Minneapolis, Minnesota. (June 20, 2016).
5. **McCarty, C. A.** "Patient and provider response to genomic medicine in rural America", Duke University Center for Applied Genomics and Precision Medicine Genomic and Precision Medicine Forum, Durham, North Carolina. (February 18, 2016).

6. **McCarty, C. A.** "How do we collect phenotypes? Common measures facilitate collaborative research", Annual Meeting of the American Society for Human Genetics, Baltimore, Maryland. (October 7, 2015).
7. **McCarty, C. A.** "AMD studies across three continents and two decades: Research adventures in my first 50 years", Marshfield Clinic Research Foundation. (August 20, 2014).
8. Hamilton, C. M., **McCarty, C. A.**, Huggins, W. "The PhenX Toolkit: Phenotype and exposure measures for collaborative research", Genetic Alliance. (May 8, 2014).
Invited Webinar
9. **McCarty, C. A.** "Lessons learned about electronic phenotyping in the eMERGE network", VA Genomic Medicine Program Advisory Committee Meeting. (April 18, 2014).
10. **McCarty, C. A.** "Community engagement for genomics research", UNT Health Science Center Department of Molecular and Medical Genetics. (March 10, 2014).
11. **McCarty, C. A.** "Patient engagement in biobanking and genomic medicine", Penn State University. (April 10, 2013).
12. **McCarty, C. A.** "Personalized medicine – The community perspective", Inaugural Symposium of Penn State Hershey Institute for Personalized Medicine. (June 8, 2012).
13. **McCarty, C. A.** "Genomics: What stories could electronic health records tell?", LifeScience Alley, Minneapolis, Minnesota. (December 2, 2011).
14. **McCarty, C. A.** "Lessons learned in biobanking at the Marshfield Clinic", Cambridge Healthtech Institute's Second Annual Maximizing Your Investment in Biobanking Conference, Providence, Rhode Island. (December 6, 2010).
15. **McCarty, C. A.** "Getting personal about medicine: An overview of research to improve health care delivery", UWSP Continuing Education LIFE Program. (September 13, 2010).
16. **McCarty, C. A.** "Connecting bench to bedside: Leading the personalized health care revolution", Biotechnology Vision Summit 2010, Madison, Wisconsin. (August 25, 2010).
Plenary Session
17. **McCarty, C. A.** "Personalized medicine research at the Marshfield Clinic", 2010 Mountain States Genetics Foundation Annual Meeting, Denver, Colorado. (July 2010).
18. **McCarty, C. A.** "Balancing scientific depth with potential participant burden: The Marshfield Clinic Personalized Medicine Research project experience", NIH Office of the Director Symposium New Models for Prospective Studies, Bethesda, Maryland. (January 22, 2010).
Invited Speaker and Panelist
19. **McCarty, C. A.** "The eMERGE network model consent language", Annual PRIMR Meeting, Nashville, Tennessee. (November 14, 2009).
20. **McCarty, C. A.** "Personalized medicine: Current and future implications", The 2009 Winter Milwaukee Symposium Personalized Medicine: Men and Women's Health, Milwaukee, Wisconsin. (January 25, 2009).
Invited Opening Address
21. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: Design, implementation and scientific outcome", Columbia University. (December 16, 2008).
22. **McCarty, C. A.** "Community engagement in biobanking: The Marshfield experience", 10th Annual Meeting of the American Society for Bioethics and Humanities, Cleveland, Ohio. (October 23, 2008).

Education Workshop Presentation

23. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project", Annual SOCRA Meeting, Marshfield, Wisconsin. (September 13, 2008).
24. **McCarty, C. A.** "Personalized medicine at the Marshfield Clinic", Eleventh Annual International Conference on Drug Metabolism/Applied Pharmacokinetics, Merrimac, Wisconsin. (September 11, 2008).
25. **McCarty, C. A.** "Biobanking for pharmacogenetics research", CDC workshop "Understanding the Genomic Basis of Vaccine Safety", Atlanta, Georgia. (January 30, 2008).
26. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: Translational research in a Biobank with an attached electronic medical record", Informatics Grand Rounds, Mayo Clinic. (December 14, 2007).
27. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: A model for translational genomics research", Grand Rounds, Department of Pediatrics, Medical College of Wisconsin, Milwaukee, Wisconsin. (December 7, 2007).
28. **McCarty, C. A.** "Translational genetics and biobanking", Kaiser Colorado Institute for Health Leadership Translational Genetics Workshop, Denver, Colorado. (December 3, 2007).
29. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: Opportunities for collaboration in translational research", Clinical Sciences Collaborative Opportunities Gathering, UW LaCrosse. (December 1, 2007).
30. **McCarty, C. A.** "Integrating genomics and patient level data: Marshfield Clinic experience", Patient Centric Health Leadership Forum, Washington, District of Columbia. (November 20, 2007).
31. **McCarty, C. A.** "Personalized Medicine Project", 26th Annual Laboratory Medicine in Review Program, Marshfield, Wisconsin. (October 19, 2007).
32. **McCarty, C. A.** "Alcohol intake, genetics and risk of breast cancer in PLCO", PLCO/NLST Steering Committee Meeting, Bethesda, Maryland. (September 18, 2007).
Invited Talk in the Plenary Session
33. **McCarty, C. A.** "Personalized Medicine Project update", Wisconsin Genetics Exchange, Marshfield, Wisconsin. (September 6, 2007).
34. **McCarty, C. A.** "Marshfield Model", Institute of Medicine Workshop Entitled "Genome Wide Association Studies: Obstacles and Opportunities for Data Sharing", Washington, District of Columbia. (June 7, 2007).
35. **McCarty, C. A.** "Sunlight exposure assessment: Can we accurately assess vitamin D exposure from sunlight?", Experimental Biology Symposium, Washington, District of Columbia. (May 1, 2007).
36. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: Data access issues and current status", Veteran's Department Genomic Medicine Advisory Committee Meeting, Washington, District of Columbia. (March 16, 2007).
37. **McCarty, C. A.** "Marshfield Clinic Personalized Medicine Research Project", NIH/FDA Sponsored "Understanding the Genetic Basis of Medication Safety: A Workshop" Meeting, Washington, District of Columbia. (December 11, 2006).
38. **McCarty, C. A.**, Ghebranious, N. "Genetic and environmental contributions to Alzheimer's disease: A study using the Marshfield Clinic Personalized Medicine Research Project", 20th

- Annual State Conference on Alzheimer's Disease and Related Disorders, Green Bay, Wisconsin. (May 7, 2006).
39. **McCarty, C. A.** "Racial variations in eye disease: Perspective from AMD, diabetic retinopathy and cataract", Mini Symposium on Race and Science, Annual Meeting of the Association for Research in Vision and Ophthalmology, Florida. (April 30, 2006).
 40. **McCarty, C. A.** "Public health implications of genomics research", 3rd Annual "Practical Genetics for Health Care Providers" Conference, Sheboygan, Wisconsin. (May 2005). Invited Keynote Address
 41. **McCarty, C. A.** "The Marshfield Personalized Medicine Project", CDC Meeting "International Biobank and Cohort Studies: Developing a Harmonious Approach", Atlanta, Georgia. (February 7, 2005).
 42. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: The handle for the genomic pump", Office of Genomics and Disease Prevention, Centers for Disease Control and Prevention, Atlanta, Georgia. (February 2004).
 43. **McCarty, C. A.** "Personalized Medicine Research Project", 21st Annual Laboratory Medicine in Review Conference, Marshfield, Wisconsin. (October 2002).
 44. Zucconi, S. L., **Carson, C. A.** "Monitoring and prioritization of the consensus set of health status indicators by state health departments in the United States", NCHS Public Health Conference on Records and Statistics, Washington, District of Columbia. (July 19, 1993).
 45. **Carson, C.**, Zucconi, S. "The health status indicators", 1992 Designated State Centers Director's Meeting, Sponsored by the National Center for Health Statistics, Newport, Rhode Island. (December 2, 1992).
 46. **McCarty, C. A.** "Development of an index to measure the health status of a geographic region to guide health policy development and program planning", Annual Meeting of the American Public Health Association, Atlanta, Georgia. (November 10, 1991).

Invited Oral Presentations at Local and Regional Professional Meetings, Conferences, etc.

Underline - indicates student presenter

1. **McCarty, C. A., (Discussant)** "Science Communication", Annual Spring Meeting, Twin Ports Early-Career Researchers, Duluth. (April 30, 2020).
2. **McCarty, C. A.** "Patient and Provider Concerns about Genetic Testing from a Bioethical Perspective", St. Luke's Hospital, Duluth, Minnesota, United States. (December 5, 2018).
3. **McCarty, C. A.** "An overview of large-scale biobanking initiatives for precision medicine in the US", Precision Medicine and Health Disparities Summit, University of Minnesota, Minneapolis, Minnesota. (March 27, 2017).
4. Barnes, B., Cleet, E., **McCarty, C. A.**, Ouellette, A., Schilla, M. "Ethics concerns from the bedside: Team member perspectives", Invited Grand Rounds Presentation, Essentia Health, Duluth, Minnesota. (January 20, 2017).
5. **McCarty, C. A.**, Sande, J. "Essentia Health Twin Ports ethics services: Who, what, where, when, why how?", Invited Grand Rounds Presentation, Essentia Health, Duluth, Minnesota. (January 6, 2017).
6. **McCarty, C. A.** "Experiences in genomic medicine at Marshfield Clinic and Essentia Health", College of Pharmacy, University of Minnesota, Minneapolis, Minnesota. (April 15, 2016).

7. **McCarty, C. A.** "Pharmacogenetics research within the eMERGE network", University of Minnesota Duluth Academic Health Center, Duluth, Minnesota. (February 26, 2015).
8. **McCarty, C. A.** "From bench to bedside: Personalized medicine research and application at Marshfield Clinic", Wisconsin Speech-Language Pathology and Audiology Association Annual Convention, Stevens Point, Wisconsin. (February 26, 2011).
Invited Keynote Address
9. **McCarty, C. A.** "Personalized medicine: From discovery to routine clinical practice", ASCLS-WI State Convention, Stevens Point, Wisconsin. (April 7, 2010).
10. **McCarty, C. A.** "A tale of two tails: The road to personalized health care", UW Marathon County Good Ideas Program, Wausau, Wisconsin. (January 7, 2010).
11. **McCarty, C. A.** "The Marshfield Clinic Personalized Medicine Research Project: A population-based resource for translational research", Second Annual Wisconsin Science & Technology Symposium, La Crosse, Wisconsin. (July 23, 2009).
12. **McCarty, C. A.** "Personalized medicine at the Marshfield Clinic", American Medical Association – MSS Region 2 Annual Meeting, Iowa City, Iowa. (March 1, 2008).
13. **McCarty, C. A.** "Genes and the Environment: The emerging role of genomics and public health", University of Minnesota, Minneapolis, Minnesota. (June 8, 2007).
Invited Member of Response Panel at Roundtable
14. **Carson, C.** "Nutrition puts the bite on cancer", Nutrition in Cancer Prevention and Recovery Nursing Conference, St. Paul, Minnesota. (June 15, 1990).
15. **Carson, C.** "Nutrition and AIDS", 1990 Minnesota Annual WIC Nutrition Education Conference, Minneapolis, Minnesota. (May 29, 1990).
16. **Carson, C. A.** "Nutrition and AIDS", Public Health Nutrition Practice Group of the Twin Cities District Dietetic Association for 1 CEU, Minneapolis, Minnesota. (May 2, 1989).

Peer-Reviewed Oral Presentations at International Professional Meetings, Conferences, etc

Underline - indicates student presenter

1. **McCarty, C. A., (Author & Presenter)**, Barnes, R., (Author), Thomas, M., (Author), Sande, J., (Author), Ouellette, A., (Author) "Ethics concerns from the bedside: team member perspectives and organizational responses", 13th World Conference, UNESCO Chair in Bioethics, Jerusalem, Israel. (November 28, 2018).

Other Presentations

Underline - indicates student presenter

1. McLaren, G. D., **McCarty, C. A.**, Ritchie, M., Turner, S., Gordeuk, V. R., Garner, C. P., Vulpe, C. D., McLachlan, S., Adams, P. C., McLaren, C. E. "Lack of association between single nucleotide polymorphism rs3811647 in the tf gene and iron status in patients with iron deficiency and control subjects". (2010). Presentation/Talk.
Published in Blood 116:1727
2. **McCarty, C. A.**, Turner, S., Rasmussen, L., Waudby, C., Berg, R., Linneman, J., Peissig, P., Chen, L., Starren, J., Wilke, R. A., Ritchie, M. "Genome-wide association study of cataract in the eMERGE consortium", Annual Meeting of the Association for Research in Vision and Ophthalmology, Ft. Lauderdale, Florida. (May 4, 2010). Presentation/Talk.
3. Robman, L. q., Hodge, A., Tikellis, G., Dimitrov, P., **McCarty, C. A.**, Guymer, R. "Lutein,

- zeaxanthin and n-3 fatty acids: Are they subjected to a systematic bias in research on nutrition and age-related macular degeneration?", 15th Annual Meeting of the Australasian Epidemiological Association, Australia. (2006). Presentation/Talk.
4. Bhupathi, S. S., Berg, R. L., **McCarty, C. A.**, Wilke, R. A. "Frequency of self-reported adverse drug reactions (ADRs) in a population-based biobank", Annual HMO Research Network Annual Meeting, Boston, Massachusetts. (May 1, 2006). Presentation/Talk.
 5. Brown-Switzer, C., Sirohi, E., Peissig, P., Berg, R. L., Ghebranious, N., **McCarty, C. A.**, Wilke, R. A. "Statin-use phenotyping in the advanced elderly – Validation in a large, population-based DNA biobank", Experimental Biology 2006, San Francisco, California. (April 1, 2006). Presentation/Talk.
 6. **McCarty, C. A.**, Nair, A., Austin, D., Giampietro, P. "Informed consent and subject motivation to participate in a large, population-based genomics study: The Marshfield Clinic Personalized Medicine Research Project", Joint Meeting of the Society for Epidemiologic Research and the Canadian Society for Epidemiology and Biostatistics, Toronto, Canada. (June 2005). Presentation/Talk.
Published in American Journal of Epidemiology: 161 (Supplement):S108
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Media Contributions

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4. 1945, "Mutant Coronavirus: Six Experts Answer Your Questions", <https://www.19fortyfive.com/2020/12/mutant-coronavirus-six-experts-answer-your-questions/>. (December 23, 2020)

5. Fox 21, "Is it safe to shop this holiday season?", . (December 4, 2020)
Interview with Nachai Taylor about safe holiday shopping
6. KUMD, "Northland Morning", . (November 19, 2020)
COVID-19 epidemiology update
7. KSTP Channel 5 Eyewitness News, "Is it safe to fly yet?", . (November 2, 2020)
Recorded audio interview with Rich Reeve regarding United Airlines/DOD study about air quality on flights relative to COVID
8. KSTP Channel 5 Eyewitness News, "Sequencing COVID-19", . (October 15, 2020)
Recorded interview with Rich Reeve regarding sequencing of COVID-19 and use of masks on airplanes
9. KUMD, "Northland Morning", . (September 30, 2020)
Epidemiology update related to COVID-19
10. KUMD, "Northland Morning", . (September 3, 2020)
COVID-19 epidemiology update
11. KUMD, "Northland Morning", . (July 23, 2020)
COVID-19 epidemiology update
12. KUMD, "Northland Morning", . (June 23, 2020)
Epidemiology update on COVID-19
13. KUMD, "Northland Morning", . (June 9, 2020)
COVID-19 epidemiology update
14. WDSE, "Docs on Call", . (May 21, 2020)
15. KUMD, "Northland Morning", . (April 30, 2020)
Epidemiology update on COVID19
16. KUMD, "Northland Morning", <z.umn.edu/5gze>. (April 16, 2020)
The two kinds of testing much of the world is anxiously waiting for
17. KUMD, "Northland Morning", <z.umn.edu/5fd4>. (March 1, 2020)
What we learned about COVID 19 so far, projected death toll, and lessons to carry into the future
18. Fox 21, "Daily News Broadcast", . (June 22, 2018)
T.V. interview with Brett Scott to promote "Break the Chain" silent auction event
19. "National Family Health History Day", . (November 2015)
Media release and T.V. interview
20. "Trauma Research Day", . (May 2015)
Media release and subsequent print and T.V. interviews
21. "Dessert calories and obesity", . (April 2007)
Media release and subsequent print and radio interviews
22. "Commercials", . (2005)
Spokesperson for bimonthly 30-second television commercials on research topics for the Marshfield Clinic
(November 2005-2007)
23. "Vacations and mental health in rural women", . (November 2005)
Media release and subsequent print, radio and T.V. interviews
24. "Media launch of Personalized Medicine Research Project", . (September 19, 2002)
Ongoing interviews for local and national T.V., radio, newspaper and magazines
25. "RVIB Around the Institute Radio", . (February 14, 2001)
10 minute taped interview with Jo Matthews on refractive error
26. "RVIB Around the Institute Radio", . (November 29, 2000)

- 10 minute taped interview with Jo Matthews on glaucoma
27. "RVIB Around the Institute Radio", . (August 16, 2000)
10 minute taped interview with Jo Matthews on cataract
28. 2SM in Sydney, "Eye Care for the Community", . (July 21, 2000)
Taped interview with Diane Coveny on the launch of the Eye Care for the Community document
29. Channel 10, "Eye Care for the Community", . (July 21, 2000)
Live cut interview by Tracey Spicer on the launch of the Eye Care for the Community document
30. "RVIB Around the Institute", . (June 21, 2000)
10 minute taped interview with Jo Matthews on smoking and eye disease
31. "RVIB Around the Institute", . (September 8, 1999)
10 minute taped interview with Jo Matthews on diabetic retinopathy
32. Weekend Australian, "Diabetics risk loss of vision by missing eye checks", . (April 25, 1998)
p44
33. Herald Sun, "Diabetics blind to eyesight risk", . (April 16, 1998)
34. Herald Sun, "And don't forget the sunnies", . (December 12, 1997)
35. 3AAA Brisbane, "Sunlight and eyes", . (December 12, 1997)
Live to air interview with Donald Johannessen
36. 3AK Melbourne Skyline, "Sunglasses and your eyes", . (December 12, 1997)
Live to air interview with Graham Reebek
37. 3AK Melbourne, "Diabetic eye disease", . (November 17, 1997)
Live to air interview with Annette & Rob
38. Herald Sun, "Lenses ray of hope", . (June 16, 1997)
39. Insight, "One in four over 40 have a cataract: Melbourne study", . (March 1997)
40. Australian Doctor, "Cataracts found in 30% of over-40s", . (October 1996)
41. ABC regional radio Sale, "The Visual Impairment Project", . (September 12, 1996)
Live to air interview with Penny Johnston
42. ABC regional radio, "The Visual Impairment Project - The rural stage", . (September 11, 1996)
Live to air interview
43. The Australian, "Cancers, blindness feared most", . (May 4, 1995)
44. Herald Sun, "Diabetics warned of blindness risk", . (November 24, 1994)
45. Broadmellows Observer, "Project finds eye problems", . (November 16, 1994)
46. Vogue Australia, "A burning matter", . (September 1994)
47. Broadmellows Observer, "Eyes put to the test", . (August 29, 1994)
48. Herald Sun, "Victorians blind to eye care", . (August 29, 1994)

TEACHING AND CURRICULUM DEVELOPMENT

Course/Lecture List

Curr Research Tech: BMS 8294

Fall 2018

Independent Study: FMED 5591

Fall 2018

Clinical Family Medicine: FMED 7100

Fall 2018

University of Minnesota

Small group discussion, Better Together Health Professional Small Group Conversations, Facilitator, 10 participants Discuss my role as a clinical ethicist in collaborating with other health professionals. Groups included first year students in various health professions.	September 2021 - Present
Lab, Nett Lake Science Teaching, Instructor, 10 participants Teach science principles to 5th and 6th graders through science experiments. Balloon rockets to demonstrate Newton's Second and Third Law of Motion. Lava lamp to demonstrate mass. Flip books to demonstrate effect of moon on the tides	February 2021 - Present
Small group facilitation, Interprofessional Standardized Patient Experience in Community and Clinical Medicine, Facilitator, 6 participants	December 2020 - Present
Observed Structured Clinical Exam, Community and Clinical Medicine, Observer, University of Minnesota Medical School, Duluth campus, 65 participants Observe and provide feedback for second year medical students at OSCE station	November 2020 - Present
Adult history simulation, Introduction to Rural Family Medicine and Biobehavioral Health, Observer, 2 participants Observed students taking history and then graded SOAP note.	September 2020 - Present
Small group discussion, End of Life course debrief session, Facilitator, Medical School, Duluth campus, 12 participants	June 2020 - Present
Lecture, Eating Disorders, Faculty, University of Minnesota Medical School, Duluth campus, 65 participants Learning objectives: •Distinguish DSM 5 diagnostic criteria for eating disorders• Identify risk factors, screening, evaluation and treatment options for eating disorders• Discuss weight bias and implications for healthcare	February 2020 - Present
Lecture, Introduction to Epidemiology and Biostatistics, Develop and deliver content, 65 participants For first year medical students	2020 - Present
Panelist, IHO Vaccine Panel, Panel member to discuss ethics related to vaccine hesitancy, 65 participants For first year medical students	June 2019 - Present
Lecture, Native Americans into Medicine (NAM), Develop and	June 2018 - Present

deliver content, 12 participants

I teach study design, ethics, nutrition, scientific writing, and lead small group discussions. NAM is a 6-week experience for Native undergraduate students

Panel, End of Life Ethics Panel, Develop and facilitate, 65 participants

For first year med students

June 2018 - Present

Lecture, Autonomy Across the Lifespan, Develop and deliver content, 65 participants

For first year medical students

2018 - Present

Lecture, Ethics of Hormonal and Reproductive Medicine, Develop and deliver content, 65 participants

For second year medical students

2018 - Present

Small group discussion, How to Die in Oregon debrief session, Facilitator, Medical School, Duluth campus, 12 participants

2018 - Present

Lecture, Ethics in End of Life Care, Develop and deliver content, 65 participants

For first year medical students

2017 - Present

Lecture, Rural Healthcare Ethics, 65 participants

2017 - Present

For first year medical students

Small group discussion, Introduction to Rural Family Medicine and Native American Health, Facilitator, University of Minnesota Medical School, 12 participants

University of Washington reading program and discussion of *Fatal Invention: How Science, Politics, and Big Business Re-create Race in the Twenty-First Century*

October 2020 - October 2021

Group facilitator, Neurobiology of Racism, University of Minnesota Medical School, 6 participants

March 2021

Small group discussion, Introduction to Rural Family Medicine and Biobehavioral Health, Facilitator, University of Minnesota Medical School, Duluth campus, 13 participants

September 2020

Discussions in health equity: the impact on the individual, community and the structure of medicine

Lecture and small group facilitation, RMSP: Rural and Community Health Engagement, Developed and delivered content, including reflection assignment, University of Minnesota Medical School, Duluth campus, 65 participants

June 2020

This was part of the summer Rural Medical Scholars Program

ADVISING AND MENTORING

Undergraduate Students Activities

Other Advising Activities

University of Minnesota

Undergraduate Honors Thesis:

Anna Mork

I supervised Anna throughout her capstone project, including advising on research questions, study design, data collection and interpretation. Project was titled "ankle brace utilization in high school and college basketball athletes".

May 2018 - April 2020

Other

Supervised Research and Training:

2010 - 2011

Marshfield Clinic Research Foundation

Summer student research interns

Thesis Committee Advising:

2010

Melissa Wagner Schuman

Medical College of Wisconsin

Thesis: Methods to slow myopia progression in children

Supervised Research and Training:

2007 - 2008

Marshfield Clinic Research Foundation

Summer student research interns

Supervised Research and Training:

2002 - 2004

Marshfield Clinic Research Foundation

Summer student research interns

Thesis Advising:

2000

Deakin University Honours thesis

Supervised Research and Training:

1995 - 1997

Advanced Study Units (Third Year), University of

Melbourne Faculty of Medicine

Graduate Student Activities

Other Advising Activities

Supervised Research and Training:

2015

Kim Lakhani, DHSc, PA-C

Research supervisor and committee member

Still University

Thesis: Prevalence and epidemiology of HPV in oral squamous cell carcinoma

Supervised Research and Training:

2010

Tara Larson, MS, RD

Research supervisor and committee member

South Dakota State University

Thesis: Genetic epidemiology of diabetic retinopathy in PMRP

Thesis Advising:

2010

University of Sydney PhD thesis

Supervised Research and Training:

2009

Kimberly Anderson, MS

Sole Master in Genetic Counseling supervisor

University of Wisconsin

Thesis: Barriers to access of genetic services in Wisconsin

Supervised Research and Training:

2002

Barbara Francis, PhD	
Primary supervisor	
Swinburne University of Technology	
Thesis: The impact of rubella immunisation on the serological status of women of childbearing age	
Supervised Research and Training:	2002
Gabriella Tikellis, PhD	
Sole supervisor	
University of Melbourne	
Thesis: The role of vitamin E in preventing the progression/incidence of age-related macular degeneration	
Supervised Research and Training:	2002
Simon Barty, MSc	
Sole supervisor	
University of Melbourne	
Thesis: Risk factors for age-related cataract in rural Victoria	
Supervised Research and Training:	2001
Rakhi Dandona, PhD	
Sole supervisor	
University of Melbourne	
Thesis: Barriers to eye-care services in the Indian state of Andhra Pradesh: Recommendations for action	
Thesis Advising:	2000
Swinburne University of Technology Master of Applied Science thesis	
Supervised Research and Training:	1999
Maria Stamos, MApplSc	
Associate supervisor	
Latrobe University	
Thesis: Prenatal factors in infantile strabismus	
Thesis Advising:	1999
University of Western Australia PhD thesis	
Supervised Research and Training:	1998
Matthew Wensor, MSc	
Sole supervisor	
University of Melbourne	
Thesis: The prevalence and risk factors of myopia in Australia	

Professional Student Activities

Other Advising Activities

Supervised Research and Training:	2010 - 2013
Deanna Cross, PhD KL2 scholar	
Supervised Research and Training:	2009 - 2011
Kristin Meyers, PhD, MPH University of Wisconsin	
Supervised Research and Training:	2007 - 2009
Deanna Cross, PhD Personalized Medicine Research Project Scientist	
Thesis Advising:	2000
University of Melbourne MPH minor thesis	
Supervised Research and Training:	1995 - 2000
Luba Robman, MD, PhD Sole supervisor University of Melbourne Thesis: Measurement of changes in lens opacities over 1 year with the	

Nidek EAS-1000
Thesis Advising: 1995 - 1996
University of Sydney MPH theses

Post Doc, Resident, and Trainee Supervision/Mentorship

Post Doc

Rebecca Emery August 2020 - July 2022
Mentor

SERVICE AND PUBLIC ENGAGEMENT

Service to the Discipline/Profession/Interdisciplinary Area(s)

Ad Hoc Reviewer

University of Pittsburgh Graduate School of Public Health, April 6, 2021
approximately 3 hours spent per year
Alumni reviewer of student posters for virtual Dean's Day,
<https://publichealth.pitt.edu/deans-day>

Appointed Member

Public Relations Committee, Association for Research in Vision 2002 - 2007
and Ophthalmology

Board Member

Wisconsin Association for Biomedical Research and Education 2004 - 2009

Wisconsin Small Business Innovation Consortium 2004 - 2007

Chair

Louisiana Board of Regents Fund Health & Medical Sciences 2018
Review Panel
VA Special Emphasis Panel on Million Veteran Program 2017 - 2018

Co-chair

PhenX Steering Committee, approximately 40 hours spent per 2015 - Present
year

Elected Member

International Genetic Epidemiology Society ELSI Committee 2007 - 2016

Association for Research in Vision and Ophthalmology, Program 2001 - 2003
Planning Committee

Elected Science Representative

Marshfield Clinic Research Foundation Board of Trustees and 2005 - 2009
elected member of the Executive Committee

Grant Reviewer

National Medical Research Council (Singapore) 2012 - 2016

Guide Dogs for the Blind Association U.K. 2013

Guide Dogs for the Blind Association U.K. 2011

NIH ARRA Challenge	2009
Grant Mail Reviewer National Medical Research Council (Singapore)	2008 - 2009
NIOSH National Children's Center for Rural and Agricultural Health and Safety Mini Grant Reviewer	2003 - 2005
<i>Invited Member</i>	
Patient Centric Health Leadership Forum, sponsored by the Center for Medicine in the Public Interest and Duke University Center for Research on Prospective Health Care	2007
<i>Member</i>	
International Board of Advisors, Mexican Institute of Ophthalmology	2015 - Present
Essentia Health Duluth Ethics Committee	2013 - Present
St Mary's Medical Center Clinical Ethics Committees	2013 - Present
National Board of Medical Examiners, approximately 80 hours spent per year	2023 - 2025
USMLE Biostatistics and Epidemiology Test Material Development Committee	
American Association for the Advancement of Science Committee on Scientific Freedom and Responsibility	2011 - 2017
CDC Special Emphasis Panel for RFA-DP-16-005: Study to assess the incidence of Type 1 diabetes in young adults	2016
Army Broad Agency Announcement MRMC Military Operational Medicine	2015
Essentia Health Institutional Review Board	2013 - 2014
International Expert Panel, Singapore National Medical Research Council	2012 - 2014
Expert Panel for CDC National ALS Registry Biorepository	2012
National Cancer Institute Prostate Lung Colorectal and Ovarian Cancer Screening trial Etiologic and Early markers Studies Review Panel	2007 - 2012
American Health Information Community Personalized Health Care Workgroup, Pharmacogenomics Subgroup	2008
Canada Foundation, Integrative Review Group	2008
NW Biobank Oregon Scientific Advisory Board	2008
Technical Expert Panel, AHRQ-funded "Needs assessment to establish an infrastructure for monitoring the utilization and outcomes of gene-based applications in the U.S. health care system"	2007 - 2008
Food and Nutrition Advisory Board, University of Wisconsin-Stevens Point	2005 - 2008

Institutional Review Board, Marshfield Clinic	2002 - 2008
Genomics Curriculum Advisory Committee, University of Minnesota School of Public Health and Minnesota Department of Health Chronic Disease Genomics Project	2006 - 2007
NHLBI Genome Association Studies Special Emphasis Panel	June 29, 2006 - June 30, 2006
Planning Committee for the American Cancer Society Rural Outreach Plan of Expansion Conference	2004 - 2005
Selection Committee for Director of Medical Research, Marshfield Clinic	2004 - 2005
Wellness Committee, Marshfield Clinic	2001 - 2005
Research Committee, Marshfield Clinic	2001 - 2004
Selection Committee for Human Geneticist and Associate Biostatistician, Tenure policy revision committee, Royalty Policy drafting team and 5-year strategic planning group, Marshfield Clinic Research Foundation	2003
Healthy Lifestyles Internal Advisory Council, Marshfield Clinic	2002
RVEEH Ron Lowe Library Committee	2000 - 2001
Acting Chair in 2001 Melbourne Excimer Laser Protocol and Ethics Committee	1995 - 2000
VECAT Study Steering Committee	1994 - 2000
UV Index Workshop for Australia	1998
Working Group on Evaluation of the NHMRC Retinopathy Guideline Distribution	1998
Royal Victorian Institute for the Blind, Employment and Vision Impairment Study Reference Group	1997 - 1998
Advisory Team on Screening Guidelines for Blood Cholesterol Education and Screening Programs, Minnesota Department of Health	1990
American Heart Association Annual Food Festival Committee	1990
<i>Member and Secretary</i> Opportunity Development Center Board	2009 - 2012
<i>Moderator</i> Association for Research in Vision and Ophthalmology, approximately 2 hours spent per year Invited moderator for live virtual oral session at Annual Meeting. Diabetic Retinopathy: Epidemiology and Service Provision	May 7, 2021
<i>Panel Reviewer</i> Fogarty International NIH Millennium Promise Awards	2009 - 2011

Peer Reviewer

CITI Training

2015

Modules about consent issues involved in biobanking and repositories

Proxy

RVEEH Human Research Ethics Committee and Research

1993 - 1999

Committee

As needed for Professor Taylor

Reviewer

NIH Center for Scientific Review Neurological, Aging and
Musculoskeletal Epidemiology (NAME) Study Section,
approximately 30 hours spent per year

2022

United Arab Emirates University, approximately 3 hours spent
per year

May 2021

Grant reviewer

AAAS Scientific Freedom and Responsibility Award Committee

2017 - 2019

National Academies of Science, Engineering and Medicine
Committee To Review Report on Long-Term Health Effects on
Army Test Subjects

2017 - 2018

Netherlands Organisation for Scientific Research

2017

DMRDP Clinical Research Intramural Research Initiative
Precision Medicine Research Award

2016

NIH Environmental Influences on Child Health Outcomes
(ECHO) Coordinating Center Special Emphasis Panel
Genome British Columbia Strategic Opportunity Fund

July 2016

2015

Written review

NIH Pilot Centers for Precision Disease Modeling Special
Emphasis Panel, PAR-14-280

March 31, 2015

CDC Special Emphasis Panels: Healthy Brain Initiative Network,
State-Driven Falls Prevention Dissemination, and Chronic
Disease Self-Management and Workplace Health

2014

Dutch Research Council National Roadmap for Large-Scale
Research Facilities

2013

NIH Member Conflicts: Chronic Disease Epidemiology

2012

Internet assisted review

NIH Transformative R01 Roadmap Review

2012

Mail Reviewer

NIOSH Agricultural Research Center Special Emphasis Panel

June 6, 2011 - June 10, 2011

National Health and Medical Research Council (Australia)

2009

Wellcome Trust Society Activity Awards

2007

NIOSH Disease, Disability and Injury Prevention and Control
Special Emphasis Panel

May 1, 2006 - May 5, 2006

National Health and Medical Research Council (Australia)

2005

PPP Foundation Research Grants	2003
National Health and Medical Research Council (Australia) Project Grants	1998 - 2003
Ophthalmic Research Institute of Australia Research Grants	2000
Ophthalmic Research Institute of Australia Research Grants	1996 - 1998
Medical Research Committee (UK) Research Grants	1996
Victorian Health Promotion Foundation Program Grants	1996
Australian Brewer's Foundation Medical Research Grant Scheme	1995
Committee to Review the Health Effects in Vietnam Veterans of Exposure to Herbicides National Academy Sciences, Institute of Medicine	October 1992
<i>Secretary</i> Melbourne Excimer Laser Protocol and Ethics Committee	1993 - 1994

Service to the University/College/Department

Campus

University of Minnesota

Member, University of Minnesota Medical School, Duluth Campus, Admissions Committee 2017 - Present

College

University of Minnesota

Reviewer, Masonic Cancer Center December 2021 - Present

Reviewer of MCC Catchment Community Pilot grants
Member, Med School Promotion and Tenure November 2021 - Present

Member, Medical School Awards Committee June 2020 - Present

Member, Center for Women in Medicine and Science Retention and Recruitment workgroup 2019 - Present
Reviewer, UMF Student Research Proposal Review February 2023 - March 2023

Reviewer, UMF student research grant review September 2021

Elected Member, Alumni Society Board of Directors, College of Human Ecology 2003 - 2006

Latrobe University
Member, Committee for the Review of Undergraduate Research Methods and Statistics Teaching in the Faculty of Health Sciences 2000

University of Pittsburgh

Member, Pneumonia Patient Outcomes Research Team (PORT) 1991 - May 1993

University

University of Minnesota
Member, Med School/OACA Clinical Sunrise Committee May 2020 - Present

Member, CTSI Hub Leadership 2019 - Present

Reviewer, CTSI SEARCH community health collaborative grants 2018 - Present

Member, Women's Faculty Cabinet June 15, 2020 - May 31, 2023

Reviewer, CTSI poster session reviewer September 2021

Reviewer, OVPR December 2020

Reviewed 2 preliminary proposals for the HRSA Behavioral Health Workforce Education and Training for Professionals program for OVPR.
Only one proposal is allowed to be submitted from the University
Member, Task Force to set direction for pharmacogenomics across the academic health sciences August 2020 - December 2020
Member, Human Subjects and Vulnerable Populations Sunrise Planning Committee June 2020 - August 2020

College of Saint Scholastica
Member, PA Admissions Committee 2017

University of Melbourne
Acting Chair, Working Group on Assessment Arrangements for Students from Non-English-Speaking Backgrounds 2001

University of Melbourne Council Committee
Elected Non-Professional Academic Member 2000 - 2001

University of Melbourne Council Committee responsibilities: Executive, Melbourne University Press Board of Management, Human Resources Committee, Access and Equity Committee (Acting Chair in 2001), Equal Employment Opportunity Committee (Chair in 2001)

University of Pittsburgh
Project Team Member, Health Policy Institute 1992 - 1993

Department

University of Minnesota
Chair, Faculty Search Committee September 2022 - January 2023

Public and External Service

Volunteer, Boy Scouts of America 2019 - Present
Trainer for Philmont Leadership Course, advanced adult leadership course

Board Member, Lighthouse Center for Vision Loss, Duluth Board member and chair of fundraising subcommittee	2018 - Present
Volunteer, Twin Ports News of the Air Radio, Lighthouse Center for Vision Loss, Duluth	2016 - Present
Member, Voyageurs Area Council Boy Scouts of America, Executive Committee, Troop 9	2011 - Present
Volunteer, Voyageurs Area Council Boy Scouts of America	2011 - Present
Volunteer, Catalyst Story Institute, Duluth Greeted visitors, answered questions, directed attendees to screening venues.	September 2021
Staff Member, Boy Scouts of America National Advanced Youth Leadership Experience, Philmont Scout Ranch, New Mexico	2018
Reviewer, Annual Northeastern Minnesota Regional Science Fair	2014 - 2018
Bell Ringer, Salvation Army	2015 - 2016
Volunteer, National Youth Leadership Training, Samoset Council, Boy Scouts of America	2013 - 2016
Member, Duluth Superior Symphony Orchestra Board	2013 - 2015
Member, Veterans Administration Genomic Medicine Program Advisory Committee	2010 - 2015
Member and Co-Chair, Duluth area United Way Community Investment Panel	2013 - 2014
Staff Member, Boy Scouts of America National Jamboree Scout Strong Health and Fitness Exhibit	2013
Instructor, Matter of Balance Falls Prevention Course, Arrowhead Area Agency on Ageing	2011 - 2013
Member, Boy Scout Troop Committee	2010 - 2013
The Trainers EDGE and Wood Badge Trainer, Boy Scouts of America Samoset Council	2010 - 2013
Member, Genetics/Genomics working group for VA Gulf War Steering Committee	2011
Chair, Boy Scouts of America RoundTable Commissioner	2010 - 2011
Member, Ojibwa District District training chair	2010 - 2011
Member, Rotary Club of Marshfield	2007 - 2011
Volunteer, Youth Net After School Homework Club	2009 - 2010
Member, Department of Veterans Affairs Genetic Epidemiology Scientific Review Committee	2007 - 2010
Treasurer and Webelos Den Leader, Cub Scout Pack 381	2006 - 2010
Volunteer, Wisconsin Crane Foundation	2003 - 2009
Coordinator, Teacher Appreciation Week, Washington Elementary School	2006 - 2008
Mentor, Pathway Partners Mentoring Program, Marshfield Senior High School	2001 - 2008
Mentor, University of Minnesota Alumni Association Mentor Connection Program	2002 - 2007
Volunteer, Loon Census, Minnesota Department of Natural Resources	2002 - 2003
Mentor, University of Melbourne Mentor Scheme for Women	2000
Member, Rumbalara Aboriginal Community Eye Care Steering Committee	1994 - 1999
Mentor, University of Melbourne Mentor Scheme for Women	1997

Educator, American Diabetes Association Diabetes Awareness Week	1993
Facilitator, American Cancer Society Annual Great American Food Fight Against Cancer	1989 - 1990
Tour Leader, American Heart Association Annual Food Festival Grocery Store	1989 - 1990
Nutrition Specialist, Head Start Program	1987 - 1988