

KNUTE D. CARTER

100 CPHB, N342
Iowa City, IA 52242
Phone: (319) 384-1611
E-mail: knute-carter@uiowa.edu

EDUCATION

Ph.D.	Biostatistics	The University of Iowa	2013
M.S.	Biostatistics	The University of Iowa	2007
B.Sc. (Hons)	Ma. & Comp. Sc.	The University of Adelaide	1993
B.Sc.	Ma. & Comp. Sc.	The University of Adelaide	1992

CURRENT POSITION AND APPOINTMENTS

Clinical Assistant Professor; Department of Biostatistics, The University of Iowa
Aug 2016 – present
Deputy Director; Center for Public Health Statistics, The University of Iowa
Aug 2016 – present

PREVIOUS POSITIONS

Aug 2014 – Aug 2016	Visiting Assistant Professor Department of Biostatistics, The University of Iowa
Jan 2014 – Aug 2016	Associate Research Scientist Center for Public Health Statistics, The University of Iowa
Jan 2014 – May 2014	Adjunct Assistant Professor Department of Biostatistics, The University of Iowa
Jan 2005 – Jan 2014	Graduate Research Assistant Public Policy Center, The University of Iowa
May 2012 – Aug 2012	Graduate Research Assistant Center for Public Health Statistics, The University of Iowa
Sep 2003 – Mar 2004	Research Fellow (Statistics) School of Dental Science, The University of Melbourne
Apr 1994 – Mar 2003	Research Officer AIHW Dental Statistics and Research Unit, Dental School, The University of Adelaide
Dec 1992 – Mar 1993	Research Officer Senior Secondary Assessment Board of South Australia

RESEARCH INTERESTS

Biostatistics	Model Selection	Observational Data Analysis
Analysis of Health Claims	Population Survey Methods	Survival Analysis

TEACHING EXPERIENCE

<u>Course Title</u>	<u>Institution</u>	<u>Terms Instructed</u>
Introductory Longitudinal Data Analysis	The University of Iowa	1 (Instructor of Record)
Public Health Science	The University of Iowa	2 (Instructor/co-instructor)
Introduction to Biostatistics	The University of Iowa	3 (Instructor of Record)
Applied Survival Analysis	The University of Iowa	3 (Instructor of Record)
Introduction to Research Methods	The University of Adelaide	3 (Instructor of Record)
Inference II	The University of Adelaide	2 (Teaching Assistant)
Distribution Theory II	The University of Adelaide	2 (Teaching Assistant)

PH.D. DISSERTATION

- Carter, K. D. (2013). “Best-Subset Model Selection Based on Multitudinal Assessments of Likelihood Improvements.” Dissertation advisor: Professor Joseph E. Cavanaugh.

REFEREED PUBLICATIONS

- Ghazal, T. S., Levy, S. M., Childers, N. K., Carter, K. D., Broffitt, B. A., Caplan, D. J., Warren, J. J., and Kolker, J. (2017). Survival analysis of caries incidence in African–American school-aged children. *Journal of Public Health Dentistry*, [Under revision. Submitted, Mar 2017].
- Ward, M. W., Merchant, K. A. S., Carter, K. D., Zhu, X., Ullrich, F., Wittrock, A., and Bell, A. (2018). Critical access hospital ED provider coverage changes with telemedicine. *Health Affairs*, [Submitted, Feb 2018].
- Donovan, B. M., Breheny, P. B., Robinson, J. G., Baer, R. J., Saftlas, A. F., Bao, W., Greiner, A. L., Carter, K. D., Rand, L., Jelliffe-Pawlowski, L. L., and Ryckman, K. K. (2018). Development and validation of a clinical model for early risk-prediction of gestational diabetes mellitus in nulliparous women. *Diabetes Care*, [Submitted, Mar 2018]
- Ortega-Verdugo, P., Warren, J. J., Kolker, J. L., Carter, K. D., Guzmán-Armstrong, S., and Gomez, M. R. (2018). Retrospective analysis of factors associated with the success of stepwise excavation procedure in deep carious lesions. *Journal of the American Dental Association*, [Epub ahead of print]
- Ghazal, T. S., Levy, S. M., Childers, N. K., Carter, K. D., Caplan, D. J., Warren, J. J., Cavanaugh, J. E., and Kolker, J. (2018). Mutans streptococci and dental caries: a new statistical modeling approach. *Caries Research*, **52**, 246–252.
- Alshawabkeh, L. I., Hu, N., Carter, K. D., Opotowsky, A. R., Light-McGroary, K., Cavanaugh, J. E., and Bartlett, H. L. (2016). Waitlist outcomes for adults with congenital heart disease listed for heart transplantation in the United States. *Journal of the American College of Cardiology*, **68**, 908–917.
- Abu-Hejleh, T., Chrischilles, E. A., Halfdanarson, T. R., Simon, C., Pendergast, J. F., Jiang, D., Smith, C. J., Porter, A. T., Carter, K. D., Wallace, R. B. and Cancer Care Outcomes Research and Surveillance Consortium (CanCORS). (2016). The effect of receiving treatment within a clinical trial setting on survival and quality of care perception in advanced stage non-small cell lung cancer. *American Journal of Clinical Oncology*, **39**, 126–131.
- Askelson, N. M., Chi, D. L., Momany, E. T., Kuthy, R. A., Carter, K. D., Field, K. and Damiano, P. C. (2015). The importance of efficacy: Using the Extended Parallel Process Model to examine factors related to preschool-age children enrolled in Medicaid receiving preventive dental visits. *Health Education & Behavior*, **42**, 805–813.

- Campo, S., Askelson, N. M., Carter, K. D. and Losch, M. (2012). Segmenting audiences and tailoring messages: using the extended parallel process model and cluster analysis to improve health campaigns. *Social Marketing Quarterly*, **18**, 98–111.
- Askelson, N. M., Campo, S. and Carter, K. D. (2011). Completely isolated? Health information seeking among social isolates. *Health Education & Behavior*, **38**, 116–122.
- Damiano, P. C., Momany, E. T., Carter, K. D., Jones, M. P. and Askelson, N. M. (2008). Time to first dental visit after initially enrolling in Medicaid and S-SCHIP. *Medical Care*, **46**, 1234–1239.
- Thomson, W. M., Chalmers, J. M., Spencer, A. J., Slade, G. D. and Carter, K. D. (2006). A longitudinal study of medication exposure and xerostomia among older people. *Gerodontology*, **23**, 205–213.
- Chalmers, J. M., King, P. L., Spencer, A. J., Wright, F. A. and Carter, K. D. (2005). The oral health assessment tool—validity and reliability. *Australian Dental Journal*, **50**, 191–199.
- Chalmers, J. M., Carter, K. D. and Spencer, A. J. (2005). Caries incidence and increments in Adelaide nursing home residents. *Special Care in Dentistry*, **25**, 96–105.
- Chalmers, J. M., Carter, K. D. and Spencer, A. J. (2004). The oral health of Adelaide nursing home residents: longitudinal study. *Australasian Journal on Ageing*, **23**, 63–70.
- Sanders, A. E., Slade, G. D., Carter, K. D. and Stewart, J. F. (2004). Trends in prevalence of complete tooth loss among Australians, 1979–2002. *Australian and New Zealand Journal of Public Health*, **28**, 549–554.
- Chalmers, J. M., Carter, K. D. and Spencer, A. J. (2003). Oral diseases and conditions in community-living older adults with and without dementia. *Special Care in Dentistry*, **23**, 7–17.
- Chalmers, J. M., Carter, K. D. and Spencer, A. J. (2002). Caries incidence and increments in community-living older adults with and without dementia. *Gerodontology*, **19**, 80–94.
- Chalmers, J. M., Carter, K. D., Spencer, A. J., Hodge, C. and Fuss, J. (2002). Caries experience in existing and new nursing home residents. *Gerodontology*, **19**, 30–40.
- Chalmers, J. M., Hodge, C., Fuss, J., Spencer, A. J. and Carter, K. D. (2002). The prevalence and experience of oral diseases in Adelaide nursing home residents. *Australian Dental Journal*, **47**, 123–130.
- Chalmers, J. M., Hodge, C., Fuss, J. M., Spencer, A. J., Carter, K. D. and Mathew, R. (2001). Opinions of dentists and directors of nursing concerning dental care provision for Adelaide nursing homes. *Australian Dental Journal*, **46**, 277–283.
- Chalmers, J. M., Kingsford Smith, D. and Carter, K. D. (1998). A multi-disciplinary dental program for community-living adults with chronic mental illness. *Special Care in Dentistry*, **18**, 194–201.
- Thomson, W. M., Stewart, J. F., Carter, K. D. and Spencer, A. J. (1997). The Australian public's perception of mercury risk from dental restorations. *Community Dentistry and Oral Epidemiology*, **25**, 391–395.
- Thomson, W. M., Stewart, J. F., Carter, K. D. and Spencer, A. J. (1997). Public perception of cross-infection control in dentistry. *Australian Dental Journal*, **42**, 291–296.
- Thomson W. M., Stewart J. F., Carter K. D. and Spencer A. J. (1996). Dental anxiety among Australians. *International Dental Journal*, **46**, 320–324.

- Thomson, W. M., Stewart, J. F., Carter, K. D. and Spencer, A. J. (1996). Patient mobility in Australian Dentistry. *Community Dental Health*, **13**, 99–104.

POLICY REPORTS

- Momany, E. T., and Carter, K. D. (2013). Iowa Family Planning Demonstration Evaluation Second Waiver Period. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2013). Outcomes of care for Iowa Medicaid enrollees: state fiscal year 2012. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Damiano, P. C., Willard, J. C., Momany, E. T., Park, K., Skemp, E. and Carter, K. D. (2011). Evaluation of the IowaCare program: baseline information for the medical home expansion. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T. and Carter, K. D. (2011). Iowa family planning demonstration evaluation. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2011). Outcomes of care for Iowa Medicaid enrollees: state fiscal year 2010. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Carter, K. D. and Damiano, P. C. (2011). Outcomes of the IowaCare program for year ending September 30, 2010. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T. and Carter, K. D. (2010). Iowa family planning demonstration evaluation: annual report. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2010). Outcomes of care for Iowa Medicaid enrollees: state fiscal year 2009. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Chalmers, J. M., Spencer, A. J., Carter, K. D., King, P. L. and Wright, C. (2009). Caring for oral health in Australian residential care. Dental statistics and research series no. 48. AIHW cat. no. DEN 193. Australian Institute of Health and Welfare, Canberra, Australia.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2009). Outcomes of care for Iowa Medicaid enrollees: state fiscal year 2008. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Carter, K. D. and Damiano, P. C. (2008). Outcomes of care for Iowa Medicaid managed care enrollees: state fiscal year 2007. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2007). Outcomes of care for Iowa Medicaid managed care enrollees: state fiscal year 2006. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2006). Outcomes of care for Iowa Medicaid managed care enrollees: state fiscal year 2005. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.

- Teusner, D. N., Mihailidis, S., Carter, K. D. and Spencer, A. J. (2005). The South Australian dental labour force. AIHW cat. no. POH 5. Australian Institute of Health and Welfare, Canberra, Australia.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2005). Outcomes of care for Iowa Medicaid managed care enrollees: state fiscal years 2003 and 2004. Final report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Momany, E. T., Damiano, P. C. and Carter, K. D. (2005). Outcomes of care for children in *hawk-i*: FFY 2003. Report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Damiano, P. C., Momany, E. T., Flach, S. D., Carter, K. D. and Jones, M. P. (2005). Dental care: access, use and cost of services for children in *hawk-i*. Report to the Iowa Department of Human Services. Public Policy Center, The University of Iowa, Iowa City, Iowa.
- Chalmers, J. M., Carter, K. D. and Spencer, A. J. (2005). The oral health of older adults with dementia. Dental statistics and research series no. 29. AIHW cat. no. DEN 111. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Spencer, A. J., Teusner, D. N., Carter, K. D. and Brennan, D. S. (2003). The dental labour force in Australia: the position and policy directions. AIHW cat. no. POH 2. Australian Institute of Health and Welfare, Canberra, Australia.
- Carter, K. D. and Stewart, J. F. (2003). National dental telephone interview survey 2002. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- AIHW DSRU (2002). Public perceptions of dentistry: stimulus or barrier to better oral health. Dental statistics and research series no. 25. AIHW cat. no. DEN 96. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Carter, K. D. and Stewart, J. F. (2002). National dental telephone interview survey 1999. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2002). Rural oral health and access to dental care – 1994–96 and 1999: research report. AIHW cat. no. DEN 86. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Chalmers, J. M., Carter, K. D., Hodge, C. P., Fuss, J. M. and Spencer, A. J. (2001). The Adelaide dental study of nursing homes: one-year follow-up 1999. Dental statistics and research series no. 23. AIHW cat. no. DEN 84. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- AHMAC (2001). Oral health of Australians: national planning for oral health improvement: final report. South Australian Department of Human Services, Adelaide, South Australia.
- DSRU (2001). Oral health and access to dental care – the gap between the 'deprived' and the 'privileged' in Australia: research report. AIHW cat. no. DEN 67. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2001). Oral health and access to dental care – 1994–96 and 1999: research report. AIHW cat. no. DEN 73. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Chalmers, J. M., Hodge, C. P., Fuss, J. M., Spencer, A. J. and Carter, K. D. (2000). The Adelaide dental study of nursing homes 1998. Dental statistics and research series no. 22. AIHW cat. no. DEN 83. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.

- DSRU (2000). Oral health and access to dental care – older adults in Australia: research report. AIHW cat. no. DEN 72. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2000). The Adelaide dental study of nursing homes: one-year follow-up: research report. AIHW cat. no. DEN 71. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2000). Oral health and access to dental care – migrants in Australia: research report. AIHW cat. no. DEN 70. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2000). Access to dental services of Australian children and adolescents: research report. AIHW cat. no. DEN 68. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2000). Oral health and access to dental services among Indigenous Australians: research report. AIHW cat. no. DEN 64. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Chalmers, J. M., Hodge, C. P., Fuss, J. M., Spencer, A. J. and Carter, K. D. (1999). The Adelaide dental study of nursing homes: baseline data collection report 1998. AIHW cat. no. DEN 53. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (1999). The Adelaide dental study of nursing homes: research report. AIHW cat. no. DEN 63. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (1999). Adult oral health and access to dental care: research report. AIHW cat. no. DEN 62. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (1999). Oral health and access to dental care in rural and remote areas of Australia: research report. AIHW cat. no. DEN 50. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Stewart, J. F., Carter, K. D. and Brennan, D. S. (1998). Adult access to dental care – rural and remote dwellers. Dental statistics and research series no. 17. AIHW cat. no. DEN 41. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Carter, K. D. (Chapter 4) in DSRU (1998). Australia's oral health and dental services. Dental statistics and research series no. 18. AIHW cat. no. DEN 13. AIHW Dental Statistics and Research Unit, Canberra, Australia.
- Carter, K. D., Brennan, D. S. and Stewart, J. F. (1998). Adult access to dental care – migrants. Dental statistics and research series no. 15. AIHW cat. no. DEN 33. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Brennan, D. S. and Carter, K. D. (1998). Adult access to dental care – Indigenous Australians. Dental statistics and research series no. 16. AIHW cat. no. DEN 40. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Brennan, D. S., Carter, K. D., Stewart, J. F. and Spencer, A. J. (1997). Commonwealth Dental Health Program evaluation report 1994–1996. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (Carter, K. D., Brennan, D. S. and Stewart, J. F.). (1996). Commonwealth Dental Health Program research report 3. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (Carter, K. D., Brennan, D. S. and Stewart, J. F.). (1995). Commonwealth Dental Health Program research report 2. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.

- DSRU (Carter, K. D., Brennan, D. S. and Stewart, J. F.). (1995). Commonwealth Dental Health Program research report 1. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Allister, J. H., Brennan, D. S., Carter, K. D., Davies, M. J., Slade, G. D., Spencer, A. J., Stewart, J. F., Szuster, F. S. P. and Thomson, W. M. (1995). Commonwealth Dental Health Program baseline evaluation report 1994. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Carter, K. D. (1995). National dental telephone interview survey 1995. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- Carter, K. D., Stewart, J. F., Davies, M. J., Szuster, F. S. P., Allister, J. H., Slade, G. D. and Spencer, A. J. (1994). National dental telephone interview survey 1994. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.

CONSULTANCY REPORTS

- DSRU (2000). The 1999 Victorian oral health services labour force planning project. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (2000). Evaluation of the impact of the introduction of copayments in public dental services – Report 4. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (1999). Evaluation of the impact of the introduction of copayments in public dental services. Interim Report Number 3. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.
- DSRU (1998). Evaluation of the impact of the introduction of copayments in public dental services. Interim Report Number 1. AIHW Dental Statistics and Research Unit, Adelaide, South Australia.

INVITED PRESENTATIONS

- Carter, K. D. and Hovland, M (January, 2017). UI predictive modeling for recruitment and retention. BI Community Presentation, University of Iowa; Iowa City, Iowa.
- Carter, K. D. (April, 2016). Using SAS to connect to the data warehouse. UI Informatics Showcase Symposium, University of Iowa; Iowa City, Iowa.
- Carter, K. D. and Brown, G. D. (December, 2015). Predictive modelling techniques with application to enrollment management at UI. Departmental Colloquium, Department of Biostatistics, University of Iowa; Iowa City, Iowa.
- Carter, K. D. (October, 2015). Using SAS to connect to the data warehouse. Institutional Data Users Group, University of Iowa; Iowa City, Iowa.

CONTRIBUTED PRESENTATIONS: CONFERENCES AND MEETINGS

- Askelson, N. M., Chi, D. L., Carter, K. D., Momany, E. T., Kuthy, R., Hanson, J., Ortiz, C. and Damiano, P. C. Health communication interventions to increase early preventive dental visits for preschool-age children enrolled in Medicaid: a formative research perspective. 140th American Public Health Association Annual Meeting, San Francisco, California, 27–31 October 2012.
- Carter, K. D., Chalmers, J. M., Spencer, A. J., Roberts-Thomson, K. F. and Thomson, W. M. Challenges in caries analysis for longitudinal geriatric oral epidemiological studies. 84th General Session of the International Association for Dental Research, Brisbane, Australia, 28 June – 1 July 2006.

- Spencer, A. J., Carter, K. D. and Brennan, D. S. Current and future demand for dental services in Australia. *J Dent Res* 2001;80(4):978 (Abstract no. 232). 40th Annual Scientific Meeting of the International Association of Dental Research (Australian & New Zealand Division), Perth, 2–5 July 2000.
- Carter, K. D. and Stewart, J. F. Oral health status and access to dental care for rural and remote older Australians. *Book of Abstracts 2000:26* (Abstract no. 39). The First International Conference on Rural Aging, Charleston, West Virginia, USA, 7–11 June, 2000.
- Carter, K. D. and Stewart, J. F. Influence of perceived need on use of dental services. *Conference book 1999:37* (Abstract no. 7). American Association of Public Health Dentistry, 62nd Annual Meeting, Honolulu, Hawaii, 6–8 October, 1999.
- Carter, K. D. Utilisation of dental services during a public-funded dental program. *Program and Abstracts 1997:174*. Public Health Association of Australia 29th Annual Conference Melbourne 5–8 October 1997.
- Carter, K. D. Characteristics of long-term non-attenders of dental services. *Conference book 1996:173*. Public Health Association of Australia, 28th Annual Conference, Perth, 29 September–2 October 1996.
- Gaughwin, A., Carter, K. D. and Spencer, A. J. Social values of parents in choice of children’s dental care. *J Dent Res* 1995;74:409 (Abstract no. 72). International Association for Dental Research, 73rd General Session Singapore, 28 June–1 July 1995.
- Carter, K. D. and Spencer, A. J. Analysis of waiting times for dental care. *J Dent Res* 1995;74:756 (Abstract no. 83). International Association for Dental Research, Australian and New Zealand Division, Melbourne, 25–28 September 1994.

EXTERNAL RESEARCH SUPPORT: COLLABORATIVE

- Currently funded as a co-investigator on a Centers for Disease Control & Prevention grant (U01–DD001119). Title of proposal: “Comp A – MD and Neuromuscular Disorder Surveillance and Research in Iowa.” PI: Paul Romitti. Amount of funding: 5%–10% of salary. Period of Funding: March 2016 to August 2019.
- Currently funded as a co-investigator on a Centers for Disease Control & Prevention grant (U01–DD001118). Title of proposal: “Comp D – Cost of Illness Analysis of Muscular Dystrophies and Neuromuscular Disorders.” PI: Paul Romitti. Amount of funding: 10% of salary. Period of Funding: September 2016 to August 2018.
- Currently funded as a co-investigator on a Centers for Medicare & Medicaid Services grant (MED–16–022). Title of proposal: “Iowa’s State Innovation Models (SIM).” PI: Peter Damiano. Amount of funding: 10% of salary.
- Currently funded as a biostatistician on a Health Resources and Services Administration grant (U1C–RH29074). Title of proposal: “Telehealth Focused Rural Health Research Center Cooperative Agreement.” PI: Marcia Ward. Amount of funding: 10% of salary.
- Pending as a co-investigator on a National Institutes of Health R01 grant (R01–HD087506–01A1). Title of proposal: “Unresolved Issues in Expanded Newborn Screening: Assessing Post Screening Harms.” PI: Beth Tarini. Amount of funding: 10% of salary.
- Pending on a Health Resources and Services Administration grant (HRSA–17–060). Title of proposal: “Children with Special Health Care Needs Research Network (CSHCN–RN).” PI: Beth Tarini. Amount of funding: 10% of salary.

- Pending as a co-investigator on a National Institutes of Health R01 grant (PAR-16-061). Title of proposal: “Distinguishing Permanent vs. Transient Congenital Hypothyroidism: A Natural History Study of Newborn Screening for Congenital Hypothyroidism.” PI: Beth Tarini. Amount of funding: 10% of salary.
- Pending as a co-investigator on a Centers for Disease Control & Prevention grant (SIP 14-011). Title of proposal: “Cancer Prevention and Control Research Network – Collaborating Center.” PI: Sue Curry. Amount of funding: 5% of salary.
- Funded as a co-investigator on a Centers for Disease Control & Prevention grant (U01-DD001118). Title of proposal: “Comp D – Cost of Illness Analysis of Muscular Dystrophies and Neuromuscular Disorders.” PI: Paul Romitti. Amount of funding: 10% of salary. Period of Funding: September 2015 to February 2016.
- Funded as a co-investigator on a National Health and Medical Research Council grant. Title of proposal: “The Oral Health of Community-Living Older Adults with Dementia.” PI: A. John Spencer.
- Funded as a co-investigator on a National Health and Medical Research Council grant. Title of proposal: “The South Australian Longitudinal Study.” PI: Jane Chalmers.
- Funded as a co-investigator on a National Health and Medical Research Council grant. Title of proposal: “Explaining social inequality in population oral health using a multilevel approach.” PI: A. John Spencer.

GRADUATE ADVISING

- Served on 8 doctoral committees, including 6 current.
- Supervised 3 preceptorships, including 1 current.
- Have been a member of 8 comprehensive individualized Ph.D. exam committees.

PROFESSIONAL ACTIVITIES: COLLEGIATE

- College of Public Health Statistical Methods Task Force (April 2017 – present)
- College of Public Health Research Council, Center Representative (elected August 2016)
- College of Public Health Curricular Innovations (MPH Program) Committee (August 2016 – present)
- Undergraduate Public Health Methods Course Developers Group (January 2016 – present)

PROFESSIONAL ACTIVITIES: DEPARTMENTAL

- Member Colloquium Committee, Department of Biostatistics (September 2017 – present)
- Co-chair Colloquium Committee, Department of Biostatistics (August 2015 – August 2017)
- Member M.S. Core Exam Committee (Winter 2015–18; Summer 2017–2018)
- Member Student Awards Committee, Department of Biostatistics (August 2014 – September 2017)

JOURNAL REVIEWS

- Referee for *Communications in Statistics – Simulation and Computation*, *Gerodontology*, *Scandinavian Journal of Statistics*, *The American Statistician*.

PROFESSIONAL SOCIETIES

- American Statistical Association
- International Biometric Society (ENAR)

AWARDS FOR PROFESSIONAL AND ACADEMIC ACHIEVEMENT

- Milford E. Barnes Award (for outstanding graduate student in Biostatistics), The University of Iowa, 2014.
- Delta Omega Public Health Honorary Society, 2008.
- Dux of Urrbrae Agricultural High School, 1988.
- UAHS Prizes for Chemistry, Mathematics I and II, and Physics, 1988.
- JT Mortlock Scholarship for Academic Excellence, 1988.