

**BIOGRAPHICAL SKETCH**

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NAME: Pamela Ohman-Strickland

eRA COMMONS USER NAME (credential, e.g., agency login): PAMOHMAN

POSITION TITLE: Associate Professor of Biostatistics, Associate Dean New Brunswick Campus

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION       | DEGREE<br>(if applicable) | Completion Date<br>MM/YYYY | FIELD OF STUDY |
|--------------------------------|---------------------------|----------------------------|----------------|
| Bowdoin College, Brunswick, ME | B.A.                      | 05/1990                    | Mathematics    |
| Cornell University, Ithaca, NY | M.S.                      | 01/1995                    | Statistics     |
| Cornell University, Ithaca, NY | Ph.D                      | 05/1997                    | Statistics     |

**A. Personal Statement**

I have collaborated in cancer prevention research, family medicine, and controlled randomized trials for over 15 years. As Associate Professor in the Department of Biostatistics, Rutgers School of Public Health with coterminous appointment in the Department of Family Medicine at the Robert wood Johnson Medical School and to the Biometrics Facility core of the Rutgers Cancer Institute of New Jersey, I have extensive experience in design and analysis of Randomized Clinical Trials as well as analysis of data from cross-sectional and cohort studies. My statistical research expertise focuses on design and analysis of controlled randomized trials using survey instruments to collect outcome measures as well as analyses of clustered, longitudinal, and categorical data. For example, I have experience as a collaborator on Dr. Hudson's randomized trial to improve guideline-concordant healthcare among adult breast, colorectal, and prostate cancer survivors. I also work with Dr. Devine on her multisite efficacy trial evaluating a problem-solving skills training intervention among Young Adult Cancer Patients. I provide biostatistical consultation for study design and data analysis for a number of other investigators at Rutgers Cancer Institute of New Jersey as well as the Family Medicine Research Division and Emergency Department at RWJMS.

Ongoing and recently completed projects that I would like to highlight include:

NIH/NCI R37CA240807 04/15/20 - 03/31/25

Devine (PI), Role: Co-Investigator

Bright IDEAS-Young Adults: Problem-Solving Skills Training to Reduce Distress among Young Adults with Cancer

NIH/NCI R21CA222936 06/01/18 - 05/31/21

Devine (PI), Role: Co-Investigator

Improving Transition Readiness in Adolescent and Young Adult (AYA) Survivors of Childhood Cancer

NIH/NCI 1R01CA257197 07/01/21 - 06/30/26

Hudson (PI). Role: Co-Investigator

Adapting and implementing evidence-based breast cancer follow-up in primary care

NIH/FDA 1 U54 CA229973-01 09/14/18 - 08/31/23

Delnevo (PI). Role: Co-Investigator

## Examining the Effects of Advertising, Packaging and Labeling on Perceptions, Use and Exposure of Combustible Tobacco Products

NIH/CDC 5U01TS000304 0/30/2019-09/29/2024

Laumbach (PI), Role: Co-Investigator

*Exposure to PFNA and other PFAS in drinking water & associations with health-related outcomes in Gloucester County NJ*

NIH/NIEHS P30ES005022 04/01/14-03/31/23

Zarbl (PI), Role: Director Biostatistics Facility

*Research Center in Environmental Health Science*

### Highlighted Publications:

1. Devine KA, Viola A, Levonyan-Radloff K, Mackowski N, Bozzini B, Chandler A, Xu B, **Ohman-Strickland P**, Mayans S, Farrar-Anton A, Sahler O, Masterson M, Manne S, Arent S. Feasibility of FitSurvivor: a Technology-Enhanced Group-Based Fitness Intervention for Adolescent and Young Adult Survivors of Childhood Cancer. *Pediatric Blood & Cancer* 2020. Article DOI: 10.1002/pbc.28530 Online ahead of print. Jun26, 2020. PMID: 32589339.
2. Davis SN, O'Malley DM, Bator A, **Ohman-Strickland P**, Clemow L, Ferrante JM, Crabtree BF, Miller SM, Findley P, Hudson SV. Rationale and design of extended cancer education for longer term survivors (EXCELS): a randomized control trial of 'high touch' vs. 'high tech' cancer survivorship self-management tools in primary care. *BMC Cancer* 2019 Apr 11; 19(1):340. Doi: 10.1186/s12885-019-5531-6. PMID: 30971205.
3. Ferrante JM, Devine KA, Bator A, Rodgers A, **Ohman-Strickland PA**, Bandera EV, Hwang KO. Feasibility and potential efficacy of commercial mHealth/eHealth tools for weight loss in African American breast cancer survivors: pilot randomized controlled trial. *Transl Behav Med.* 2018 Dec 9. doi: 10.1093/tbm/iby124. PMID: 30535101
4. O'Malley DM, Hudson SV, **Ohman-Strickland PA**, Bator A, Lee HS, Gundersen DA, Miller SM. Follow-up care education and information: Identifying cancer survivors in need of more guidance. *Journal of Cancer Education.* 2016; 31(1):63-9. PMCID: PMC4475492

## B. Positions, Scientific Appointments and Honors

### Positions and Employment

|              |   |
|--------------|---|
| 2015-2018    | Associate Dean for Student Affairs, Rutgers School of Public Health, NJ.  |
| 2013-2015    | Associate Dean New Brunswick Campus, Rutgers School of Public Health, NJ.   |
| 2013-present | Assoc.Professor, Department. of Biostatistics, Rutgers School of Public Health, NJ.   |
| 2010-2013    | Associate Dean Piscataway/NB Campus, University of Medicine and Dentistry of New Jersey – School of Public Health, NJ.France.       |
| 2005-2013    | Associate Professor, Department of Biostatistics, University of Medicine and Dentistry of New Jersey – School of Public Health, NJ. |
| 2001-2005    | Assistant Professor, Department of Biostatistics, University of Medicine and Dentistry of New Jersey – School of Public Health, NJ. |
| 2000         | Visiting Researcher, Department of Statistics, Stanford University, CA.   |
| 1997- 2001   | Assistant Professor, Department of Statistics, University of Florida, FL.   |
| 1996         | Visiting Researcher, Centre de Recherche en Economie et Statistique, Paris, France  |

### Honors

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|------|---|
| 2004 | Elected member of Stuart D. Cook UMDNJ Master Educators Guild |
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## C. Contributions to Science

1. Early in my career at Rutgers University, I collaborated on research and conducted data analyses of cluster randomized trials within the context of primary care practices. This work focused on the effect of interventions applied at the level of the practice, which identified clusters of patients.
  - a. **Ohman Strickland PA**, Orzano JA, Hudson SV, Solberg LI, DiCiccio-Bloom B, O'Malley D, Tallia AF, Balasubramanian B, Crabtree BF. Quality of diabetes care: influence of nurse practitioners and physician assistants in family medicine practices. *Annals of Family Medicine* 2008; 6(1):14-22. PMID: PMC2203407.
  - b. Balasubramanian BA, Chase SM, Nutting PA, Cohen DJ, **Ohman-Strickland P**, Crosson JC, Miller WL, Crabtree BF and the ULTRA Study Team. Using Learning Teams for Reflective Adaptation (ULTRA) – Insights from a Team-Based Change Management Strategy in Primary Care. *Annals of Family Medicine* 2010; 8:425-432. PMID: PMC2939418.
  - c. Shaw EK, **Ohman-Strickland P**, Piasecki A, Hudson SV, Ferrante JM, McDaniel RR Jr, Nutting PA, Crabtree BF. (2013). Effects of facilitated team meetings and learning collaborative on colorectal cancer screening rates in primary care practices: a cluster randomized trial. *Annals of Family Medicine*, 11: 220-228, S1-8. PMID: PMC3659138.
  
2. Many factors impact attainment of cancer screening among the US population, including gender, obesity status, etc. I have engaged in numerous studies to identify and understand these factors.
  - a. Felsen CB, Piasecki A, Ferrante JM, **Ohman-Strickland PA**, Crabtree BF. (2011). Colorectal Cancer Screening Among Primary Care Patients: Does Risk Affect Screening Behavior? *Journal of Community Health*, 36, 605-611. PMID: PMC3140047.
  - b. O'Malley DM, Hudson SV, **Ohman-Strickland PA**, Bator A, Lee HS, Gundersen DA, Miller SM. Follow-up care education and information: Identifying cancer survivors in need of more guidance. *Journal of Cancer Education* 2016. 31(1):63-69. PMID: PMC4475492.
  - c. Ferrante JM, Seaman K, Bator A, **Ohman-Strickland P**, Gundersen D, Clemow L, Puhl R. Impact of Perceived Weight Stigma among Underserved Women on Doctor-Patient Relationships. *Obesity Science and Practice*. 2016 Jun;2(2):128-135. PMID: PMC4902272. DOI: 10.1002/osp4.40
  - d. Bover Manderski MT, Black K, Udasin IG, Black TM, Steinberg MB, Giuliano AR, Luft BJ, Harrison D, Crane MA, Moline J, Passannante MR, **Ohman Strickland P**, Dasaro CR, Luccchini RG, Todd AC, Graber JM. Retrospective assessment of risk factors for head and neck cancer among World Trade Center responders. *Frontiers in Public Health* 2020. 8;488057. PMID: 3333-296.
  
3. Survey and statistical methodologies for randomized trials contribute to the scientific integrity of the studies. As such, some of my research has focused on methods for measuring both covariates and outcomes, as well as understanding the statistical methodologies for evaluation.
  - a. **Ohman Strickland PA**, Orzano AJ, Nutting PA, Dickenson P, Scott J, Hahn K, Gibel M and Crabtree BF. (2007) Measuring organizational performance attributes of primary care practices: development of a new instrument. *Health Services Research*, 42(3 Pt 1), 1257-73. PMID: PMC1955254.
  - b. Ferrante JM, **Ohman-Strickland P**, Hahn KA, Hudson SV, Shaw EK, Crosson JC, Crabtree BF. Self-report versus medical records for assessing cancer preventive services delivery. *Cancer Epidemiology, Biomarkers and Prevention* 2008; 17(11): 2987-2994. PMID: PMC2962564.
  - c. Hade EM, Murray DM, Pennell ML, Rhoda D, Paskett ED, Champion VL, Crabtree B, Dietrich A, Dignan MB, Farmer M, Fenton JJ, Flocke S, Hiatt RA, Hudson S, Mitchell M, Monahan P, Shariff-Marco S, Stange K, Stewart SL, **Strickland PA**. (2010). Intraclass correlation estimates for cancer screening outcomes: estimates and applications in the design of group-randomized cancer screening studies. *Journal of the National Cancer Institute Monograph*, 40, 97-103. PMID: PMC2924625.
  - d. Coups EJ, Stapleton JL, **Ohman-Strickland PA**. (2013). Concerns regarding results of a randomized controlled trial to promote skin self-examination and sun protection behaviors. *JAMA Dermatology* 2013; 149(7): 883-834. PMID: 23864093.

**Complete List of Published Work in My Bibliography:**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/pamela.ohman-strickland.1/bibliography/44858479/public/?sort=date&direction=ascending>