

## CURRICULUM VITAE

**Timothy A. Thornton, Ph.D.**

**8/1/2009**

### **1. Biographical Information**

University of Washington  
Department of Biostatistics  
HSB F-646, Box 357232  
Seattle, WA 98195-7232  
E-mail: tathornt@u.washington.edu

### **2. Education**

Hampton University, Hampton, VA, B.S., Mathematics, 1998  
University of Chicago, Chicago, IL, Ph.D., Statistics, 2005

### **3. Licensure:** Not Applicable

### **4. Professional Positions**

Postdoc, Department of Statistics, University of California, Berkeley, 2006-2008  
Postdoc, Institute for Human Genetics, University of California, San Francisco, 2008-2009  
Assistant Professor, Department of Biostatistics, University of Washington, 2009-present  
Faculty Member, Institute for Public Health Genetics, University of Washington  
2009-present  
Member, Fred Hutchinson/University of Washington Cancer Consortium, 2009-present

### **5. Honors, Awards, Scholarships**

Office of Naval Research Student Enhancement in Mathematics and Science Scholarship, 1994-1998  
B.A. conferred Magna Cum Laude and with Honors in Mathematics, Salutatorian, Hampton University, 1998  
Graduate Degrees for Minorities in Engineering and Science Fellowship, 1998  
Office of Naval Research-Historically Black Colleges and Universities Graduate Fellowship, 1998-2002  
David and Lucile Packard Foundation Graduate Fellowship, 1998-2004  
University of Chicago Graduate Fellowship, 1998-2005  
FASEB-MARC Travel Award, 2006  
University of California President's Postdoctoral Fellowship, 2006-2008  
University of California, San Francisco Lamond Family Postdoctoral Fellowship, 2008-2009

**August 2009**

## 6. Professional Activities (outside of UW)

### *Professional Societies:*

American Statistical Association  
Institute of Mathematical Statistics  
American Association for the Advancement of Science  
American Society of Human Genetics

### *Professional Activities:*

Referee for: *Biometrics, Statistical Applications in Genetics and Molecular Biology, International Journal of Health Geographics*

## 7. Bibliography

### a) Refereed research articles

1. Anderson-Cook CM, **Thornton, T**, Robles, R (1997), "Measuring Hockey Powerplay and Penalty Killing Efficiency", *Proceedings of the American Statistical Association Section on Statistics in Sports*, Alexandria, VA: American Statistical Association, 11-14.
2. Anderson-Cook CM and **Thornton T** (1998) "Measuring Hockey's Special Teams Efficiency." *Chance*, 11: 26-34
3. Anderson-Cook CM and **Thornton T** (1998) "Response to Letter to the Editor: Shorthanded." *Chance*, 12: 3-5.
4. **Thornton T** and McPeck MS (2007) "Case-Control Association Testing with Related Individuals: A More Powerful Quasi-Likelihood Score Test." *American Journal of Human Genetics* 81: 321-337.
5. FitzGerald LM, Patterson B, Thomson R, Polanowski A, Quinn S, Brohede J, **Thornton T**, Challis D, Mackey D, Dwyer T, Foote S, Hannan GN, Stankovich J, McKay JD, Dickinson JL (2009) "Identification of a prostate cancer susceptibility gene on chromosome 5p13q12 associated with risk of both familial and sporadic disease." *European Journal of Human Genetics* 17: 368-377

### Submitted

6. Phasukijwattana N, Kunhapan B, Stankovich J, Chuenkongkaew WL, Thomson R, **Thornton T**, Bahlo M, Mushiroda T, Nakamura Y, Mahasirimongkol S, Tun AW, Srisawat C, Limwongse C, Peerapittayamongkol C, Sura T, Suthammarak W, Lertrit P "Association of *PARL* with Leber Hereditary Optic Neuropathy in Thai families: a genome-wide linkage scan and fine mapping study."

**b) Other refereed scholarly publications**

None Indicated

**c) Books and book chapters**

None Indicated

**d) Other non-refereed published scholarly publications****Technical Reports**

None Indicated

**8. Patents and Other Intellectual Property**

None Indicated

**9. Funding History**

Cancer Center Support Grant, Fred Hutchinson Cancer Research Center, \$100,000, **PI Timothy Thornton**, 7/1/09-6/30/12.

**10. Public Health Practice Activities**

None Indicated

**11. Conferences and Symposiums**

*A Modified Quasi-Likelihood Score Test for Evaluating Candidate Genes in Case-Control Studies*, Joint Statistical Meetings, August 2005.

*Case-control Association Testing with Related Individuals: A More Powerful Quasi-Likelihood Score Test*, American Society of Human Genetics Meeting, October 2006.

*Case-Control Association Testing with Incomplete Genealogy*, Joint Mathematics Meetings, January 2008.

*Statistical Methods for Genetic Association Studies in Structured Populations*, Blackwell-Tapia Conference, Statistical and Applied Mathematical Sciences Institute, November 2008.