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## CURRICULUM VITAE

**James Tonascia**

### PERSONAL DATA

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### EDUCATION AND TRAINING

1965/BS	University of San Francisco San Francisco, California Mathematics
1970/PhD	The Johns Hopkins University Baltimore, Maryland Biostatistics

### PROFESSIONAL EXPERIENCE

Professor, 1981-Present, Biostatistics and Epidemiology, Bloomberg School of Public Health, The Johns Hopkins University.

Associate Professor, 1974-1981, Biostatistics and Epidemiology, Bloomberg School of Public Health, The Johns Hopkins University.

Assistant Professor, 1970-1974, Biostatistics and Epidemiology, Bloomberg School of Public Health, The Johns Hopkins University.

Computer Programmer, 1967-1967, Department of Chronic Diseases, School of Hygiene and Public Health, The Johns Hopkins University.

Applied Science Programmer, 1964-1965, California Department of Public Health, Berkeley, California.

Computer Programmer, 1963-1964, U.S. Public Health Service, Epidemiology Branch, Dental Health Center, San Francisco, California.

## PROFESSIONAL ACTIVITIES

### *Society Membership and Leadership*

American Statistical Association  
Sigma Xi  
Biometric Society (ENAR)  
Royal Statistical Society  
Delta Omega (Honorary Public Health Society)

## HONORS AND AWARDS

- 1976 "Golden Apple Award", presented by the Student Assembly of The Johns Hopkins Bloomberg School of Public Health, for excellence in teaching.
- 1980 Member of the Delta Omega Honorary Society, Alpha Chapter, The Johns Hopkins Bloomberg School of Public Health.
- 1981 "Stebbins Medal Award", presented by The Johns Hopkins Bloomberg School of Public Health Faculty for improving the quality of education in the School.
- 1981 Delta Omega Society National Merit Award for outstanding achievement in public health.
- 1987 "Golden Apple Award", presented by the Student Assembly of The Johns Hopkins Bloomberg School of Public Health, for excellence in teaching.
- 1995 "Golden Apple Award", presented by the Student Assembly of The Johns Hopkins Bloomberg School of Public Health, for excellence in teaching.
- 2003 "Golden Apple Award", presented by the Student Assembly of The Johns Hopkins Bloomberg School of Public Health, for excellence in teaching.

## PUBLICATIONS

### *Journal Articles* (peer reviewed)

Gibbens SF, Tonascia JA: The problem of geographic contiguity - A Monte Carlo approach. Soc Stat Proc Am Stat Assoc, pp. 253-259, **1964**.

Gibbens SF, Tonascia JA: Simple method of determining geographic contiguity presented. California's Health 22(20):185-187, **1965**.

Davis M, Tonascia J: Rational approximations to distributions. Abstract. Biometrics 23:601, **1967**.

Wilson PD, Tonascia J: Tables for shortest confidence intervals on the standard deviation and variance ratio from normal distributions. J Am Stat Assoc 66(336):909-912, **1971**.

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Meyer MB, Tonascia JA: Possible effects of x-ray exposure during fetal life on the subsequent reproductive performance of human females. Am J Epidemiol 98(3):151-159, **1973**.

Moser KM, Luchsinger PC, Adamson JS, McMahon SM, Schlueter DP, Spivack M, Weg JG (Tonascia J - collaborating investigator): Respiratory stimulation with intravenous doxapram in respiratory failure. A double-blind co-operative study. N Eng J Med 288:427-431, **1973**.

Sartwell PE, Arthes FG, Tonascia JA: Epidemiology of benign breast lesions: Lack of association with oral contraceptive use. N Eng J Med 288:551-554, **1973**.

Schad GA, Chowdbury AB, Dean CG, Kochar VK, Nawalinski TA, Thomas J, Tonascia JA: Arrested development in human hookworm infections: An adaption to a seasonally unfavorable external environment. Science 180:502-504, **1973**.

Meyer MB, Tonascia JA, Buck C: The interrelationship of maternal smoking and increased perinatal mortality with other risk factors. Further analysis of the Ontario Perinatal Mortality Study, 1960-1961. Am J Epidemiol 100(6):443-452, **1974**.

Nomura A, Comstock GW, Kuller L, Tonascia JA: Cigarette smoking and strokes. Stroke 5:483-486, **1974**.

Stolley PD, Tonascia JA, Tockman MS, Sartwell PE, Rutledge AH, Jacobs MP: Thrombosis with low-estrogen oral contraceptives. Am J Epidemiol 102:197-208, **1975**.

Tonascia J, Gordis L, Schmerler H: Retrospective evidence favoring use of anticoagulants for myocardial infarctions. N Eng J Med 292:1362-1366, **1975**.

Burkman RT, Tonascia JA, Atienza MF, King TM: Untreated endocervical gonorrhea and endometritis following elective abortion. Am J Obstet Gynecol 126:648-651, **1976**.

Meyer MB, Jonas BS, Tonascia JA: Perinatal events associated with maternal smoking during pregnancy. Am J Epidemiol 103:464-476, **1976**.

Ringelberg ML, Tonascia JA: A regression model analysis of longitudinal dental caries data. Community Dent Oral Epidemiol 4:70-76, **1976**.

Sartwell PE, Stolley PD, Tonascia JA, Tockman MS, Rutledge AH, Wertheimer D: Overview: Pulmonary embolism mortality in relation to oral contraceptive use. Prev Med 5:15-19, **1976**.

Szklo M, Tonascia J, Gordis L: Psychosocial factors and the risk of myocardial infarctions in white women. Am J Epidemiol 103(3):312-320, **1976**.

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- Tockman M, Menkes H, Cohen B, Permutt S, Benjamin J, Ball WC, Tonascia J: A comparison of pulmonary function in male smokers and nonsmokers. Am Rev Respir Dis 114:711-722, **1976**.
- Burkman RT, Tonascia JA, Atienza MF, King TM: The relationship of immediate post-abortion intrauterine device insertion to subsequent endometritis: A case-control study. Contraception 15(4):435-444, **1977**.
- Comstock GW, Tonascia JA: Education and mortality in Washington County, Maryland. J Health Soc Behav 18:54-61, **1977**.
- Gordis L, Naggan L, Tonascia J: Pitfalls in evaluating the impact of coronary care units on mortality from myocardial infarctions. Johns Hopkins Med J 141:287-295, **1977**.
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- Sartwell PE, Arthes FG, Tonascia JA: Exogenous hormones, reproductive history, and breast cancer. J Natl Cancer Inst 59(6):1589-1592, **1977**.
- Burkman RT, Atienza MF, King TM, Tonascia JA, Pang JK, Whitmore AJ: Hyperosmolar urea for elective midtrimester abortion. Am J Obstet Gynecol 131(1):10-17, **1978**.
- Gold E, Gordis L, Tonascia J, Szklo M: Increased risk of brain tumors in children exposed to barbiturates. J Natl Cancer Inst 61(4):1031-1034, **1978**.
- Sartwell PE, Arthes FG, Tonascia JA: Benign and malignant breast tumours: Epidemiological similarities. Int J Epidemiol 7(3):217-221, **1978**.
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- Stone RW, Comstock GW, Tonascia JA, Chandra V: Predictive value of respiratory findings. Bull Europ Physiopath Resp 14:189-196, **1978**.
- Szklo M, Goldberg R, Kennedy HL, Tonascia JA: Survival of patients with nontransmural myocardial infarction: A population-based study. Am J Cardiol 42:648-652, **1978**.
- Szklo M, Gordis L, Tonascia J, Kaplan E: The changing survivorship of white and black children with leukemia. Cancer 42(1):59-66, **1978**.

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Goldberg R, Szklo M, Tonascia J, Kennedy HL: Length of time between hospital admission and ventricular fibrillation or cardiac arrest complicating acute myocardial infarction: Effect on prognosis. Johns Hopkins Med J 145(5):187-191, **1979**.

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Schlundt DG, Jefferys J, Lee T, Tonascia J: Microcomputers in research: The HPT distributed data system. The Behav Therap, 9(21):35-38, **1986**.

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- Stewart WF, Tonascia JA, Matanoski GM: The validity of questionnaire-reported work history in live respondents. J Occup Med 29(10):795-800, **1987**.
- Borhani NO, Tonascia J, Schlundt DG, Prineas RJ, Jefferys JL for the Hypertension Prevention Trial Research Group: Hypertension Prevention Trial: 2. Recruitment in the Hypertension Prevention Trial. Controlled Clin Trials 10(suppl):30S-39S, **1989**.
- Glaucoma Laser Trial Research Group: The Glaucoma Laser Trial: I. Acute effects of argon laser trabeculoplasty on intraocular pressure. Arch Ophthalmol 107:1135-1142, **1989**.
- Meinert CL, Tonascia J, Tonascia S (eds.): The Hypertension Prevention Trial: Design, methods, and baseline results. Controlled Clin Trial, 10(suppl):1S-118S, **1989**.
- Glaucoma Laser Trial Research Group: The Glaucoma Laser Trial (GLT): 2. Results of argon laser trabeculoplasty versus topical medicines Ophthalmol 97(11):1403-1413, **1990**.
- Hypertension Prevention Trial Research Group: The Hypertension Prevention Trial: Three-year effects of dietary changes on blood pressure. Arch Intern Med 150:153-162, **1990**.
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- Glaucoma Laser Trial Research Group: The Glaucoma Laser Trial: 4. Contralateral effects of Timolol on the intraocular pressure of eyes treated with ALT. Ophthalmic Surg 22(6):324-329, **1991**.
- Van Natta ML and Tonascia JA: Computerized management of treatment assignments. Abstract. Controlled Clin Trials 12:692, **1991**.
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- Studies of Ocular Complications of AIDS (SOCA) Research Group in collaboration with the AIDS Clinical Trials Group (ACTG): Studies of Ocular Complications of AIDS foscarnet ganciclovir cytomegalovirus retinitis trial: 1. Rationale, design, and methods. Controlled Clin Trials 13:22-39, **1992**.
- Donithan M, Van Natta ML, Tonascia JA: . Cox regression analysis using SAS/PHREG. Abstract. Controlled Clin Trials 13:420, **1992**.

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Glaucoma Laser Trial Research Group: The Glaucoma Laser Trial (GLT): 5. Subgroup Differences at Enrollment. Ophthalmic Surg 24:232-241, **1993**.

McCormick MC, McCarton C, Tonascia J, Brooks-Gunn J: Early educational intervention for very low birth weight infants: Results from the Infant Health and Development Program. J Pediatr 123:527-533, **1993**.

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Brooks-Gunn J, McCarton C, Casey PH, McCormick MC, Bauer CR, Bernbaum JC, Tyson J, Swanson M, Bennett FC, Scott DT, Tonascia J, Meinert CL: Early intervention in low-birth-weight premature infants: Results through age 5 years from the Infant Health and Development Program. JAMA 272(16):1257-1262, **1994**.

Studies of Ocular Complications of AIDS (SOCA) Research Group in collaboration with the AIDS Clinical Trials Group (ACTG): Morbidity and Toxic Effects Associated with Ganciclovir or Foscarnet Therapy in a Randomized Cytomegalovirus Retinitis Trial. Arch Intern Med 155:65-74, **1995**.

Studies of Ocular Complications of AIDS (SOCA) Research Group in collaboration with the AIDS Clinical Trials Group: Antiviral effects of foscarnet and Ganciclovir therapy on human immunodeficiency virus p24 antigen in patients with AIDS and cytomegalovirus retinitis. J Infect Dis 172:613-621, **1995**.

Glaucoma Laser Trial Research Group: The Glaucoma Laser Trial (GLT): 6. Treatment Group Differences in Visual Field Changes. Am J Ophthalmol 120:10-22, **1995**.

Glaucoma Laser Trial Research Group: The Glaucoma Laser Trial Research Group and Glaucoma Laser Trial Follow-up Study: 7. Results. Am J Ophthalmol 120(6):718-731, **1995**.

Studies of Ocular Complications of AIDS in Collaboration with the AIDS Clinical Trials Group: Combination foscarnet or ganciclovir therapy vs monotherapy for the treatment of cytomegalovirus retinitis in patients with AIDS. Arch Ophthalmol 114:23-33, **1996**.

Studies of Ocular Complications of AIDS in Collaboration with the AIDS Clinical Trials Group: Assessment of cytomegalovirus retinitis: Clinical evaluation vs centralized grading of fundus photographs. Arch Ophthalmol 114:791-805, **1996**.

Studies of Ocular Complications of AIDS in Collaboration with the AIDS Clinical Trials Group: Clinical vs photographic assessment of treatment of cytomegalovirus retinitis: Foscarnet-Ganciclovir Cytomegalovirus Retinitis Trial Report 8. Arch Ophthalmol 114:848-855, **1996**.



**PUBLICATIONS (Cont'd)***Journal Articles* (peer reviewed) (Cont'd)

Adkinson NF, Jr, Eggleston PA, Eney D, Goldstein EO, Schuberth KC, Bacon JR, Hamilton RG, Weiss ME, Arshad H, Meinert CL, Tonascia J, Wheeler B: A controlled trial of immunotherapy for asthma in allergic children. New Eng J Med 336:324-331, **1997**.

McCarton CM, Brooks-Gunn J, Wallace IF, Bauer CR, Bennett FC, Bernbaum JC, Broyles RS, Casey PH, McCormick MC, Scott DT, Tyson J, Tonascia J, Meinert CL for the Infant Health and Development Program Research Group: Results at Age 8 years of Early Intervention for Low-birth-weight premature infants: The Infant Health and Development program. JAMA 277(2):126-132, **1997**.

Studies of Ocular Complications of AIDS in collaboration with AIDS Clinical Trials Group: Parenteral cidofovir for cytomegalovirus retinitis in patients with AIDS: The HPMPC Peripheral Cytomegalovirus Retinitis Trial. Ann Intern Med 126:264-274, **1997**.

Studies of Ocular Complications of AIDS (SOCA) in collaboration with AIDS Clinical Trials Group (ACTG): Cytomegalovirus (CMV) culture results, drug resistance, and clinical outcome in patients with AIDS and CMV retinitis treated with foscarnet or ganciclovir. J Infect Dis 176:50-58, **1997**.

Studies of Ocular Complications of AIDS (SOCA) in collaboration with the AIDS Clinical Trials Group (ACTG): Rhegmatogenous retinal detachment in patients with cytomegalovirus retinitis: The Foscarnet-Ganciclovir Cytomegalovirus Retinitis Trial. Am J Ophthalmol 124:61-70, **1997**.

Studies of Ocular Complications of AIDS (SOCA) in collaboration with AIDS Clinical Trials Group (ACTG): Foscarnet-ganciclovir retinitis trial: 5. Clinical features of cytomegalovirus retinitis at diagnosis. Am J Ophthalmol 124(2):141-157, **1997**.

Studies of Ocular Complications of AIDS (SOCA) Research Group in collaboration with the AIDS Clinical Trials Group (ACTG): MSL-109 adjuvant therapy for cytomegalovirus retinitis in patients with AIDS: The Monoclonal Antibody Cytomegalovirus Retinitis Trial. Arch Ophthalmol 115:1528-1536, **1997**.

Childhood Asthma Management Program (CAMP) Research Group: Design and implementation of a patient education center for the childhood asthma management program. Ann Allergy Asthma Immunol 81:571-581, **1998**.

Childhood Asthma Management Program (CAMP) Research Group: Design, rationale, and methods. Controlled Clin Trials 20:91-120, **1999**.

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The Childhood Asthma Management Program Research Group: Long-term effects of budesonide or nedocromil in children with Asthma. New Eng J Med 343(15):1054-1063, **2000**.

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National Emphysema Treatment Trial Research Group: Patients at high risk of death after lung-volume-reduction surgery. New Eng J Med 345(15):1075-1083, **2001**.

Ramsey S, Sullivan S, Kaplan R, Wood D, Chiang Y, Wagner J, for the NETT Research Group: Economic analysis of lung volume reduction surgery as part of the National Emphysema Treatment Trial. Ann Thorac Surg; 71:995-1002, **2001**.

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Scharf SM, Iqbal M, Keller C, Criner G, Lee S, and Fessler HE for the National Emphysema Treatment Trial (NETT) Research Group: Hemodynamic Characterization of Patients with Severe Emphysema. Am J Respir Crit Care Med 166: 314-322, **2002**.

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- Holbrook JT, Jabs DA, Weinberg DV, Lewis RA, Davis MD, Friedberg D for the Studies of Ocular Complications of AIDS Research Group: Visual loss in patients with cytomegalovirus retinitis and Acquired Immunodeficiency Syndrome before widespread availability of highly active antiretroviral therapy. Arch Ophthalmol 121:99-107, **2003**.
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- Lee SM, Wise R, Sternberg AL, Tonascia J, Piantadosi S for the National Emphysema Treatment Trial Research Group: Methodologic issues in terminating enrollment of a subgroup of patients in a multicenter randomized trial. Clinical Trials 1:326 - 338, **2004**.

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Krachman SL, Chatila W, Martin UJ, Nugent T, Crocetti J, Gaughan J, Criner GJ, for the National Emphysema Treatment Trial Research Group: Effects of lung volume reduction surgery on sleep quality and nocturnal gas exchange in patients with severe emphysema. Chest; 128:3221-3228, **2005**.

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Criner GJ, Scharf SM, Falk JA, Gaughan JP, Sternberg AL, Patel NB, Fessler HE, Minai OA, and Fishman AP, for the National Emphysema Treatment Trial Research Group: Effect of lung volume reduction surgery on resting pulmonary hemodynamics in severe emphysema. Am J Respir Crit Care Med; 176:253-260, **2007**.

Fisher MR, Criner GJ, Fishman AP, Hassoun PM, Minai OA, Scharf SM, and Fessler HE, for the National Emphysema Treatment Trial (NETT) Research Group: Estimating pulmonary artery Pressures by echocardiography in patients with emphysema. Eur Respir J; 30:914-921; **2007**.

Fan VS, Ramsey SD, Giardino ND, Make BJ, et al, for the National Emphysema Treatment Trial (NETT) Research Group: Sex, depression, and risk of hospitalization and mortality in chronic obstructive pulmonary disease. Arch Intern Med; 167(2):2345-2353, **2007**.

Washko GR, Fan VS, Ramsey SD, Mohsenifar Z, Martinez F, Make BJ, et al, for the National Emphysema Treatment Trial Research Group: The effect of lung volume reduction surgery on chronic obstructive pulmonary disease exacerbations. Am J Respir Crit Care Med; 177:164-169, **2008**.

Fan VS, Giardino ND, Blough DK, Kaplan RM, Ramsey SC, and the NETT Research Group: Costs of pulmonary rehabilitation and predictors of adherence in the National Emphysema Treatment Trial. COPD: Journal of Chronic Obstructive Pulmonary Disease; 5:105-116, **2008**.

H. William Kelly, Mark L. Van Natta, Ronina A. Covar, James Tonascia, Rebecca P. Green, Robert C. Strunk and for the CAMP Research Group. Effects of Long-term Corticosteroid Use on Bone Mineral Density in Children: A Prospective Longitudinal Assessment in the Childhood Asthma Management Program (CAMP) Study. Pediatrics 122:e53-e61, **2008**.

Kelan G. Tantisira, Ryan Colvin, James Tonascia, Robert Strunk, Scott T. Weiss, and Anne L. Fuhlbrigge, for the Childhood Asthma Management Program Research Group. Airway Responsiveness in Mild to Moderate Childhood Asthma: Sex Influences on the Natural History. Am J Respir Crit Care Med 178: 325-331, **2008**.

Fernando J. Martinez, LeiLan K Han, Adin-Cristian Andrel, Robert Wise, Susan Murray, Jeffrey L. Curtis, Alice Sternberg, Gerard Criner, Steven E. Gay, John Reilly, Barry Make, Andrew L. Ries, Frank Sciruba, Gail Weinmann, Zab Mosenifar, Malcolm DeCamp, Alfred P. Fishman, and Bartolome R. Celli, for the National Emphysema Treatment Trial Research Group. Longitudinal Change in the BODE Index Predicts Mortality in Severe Emphysema. Am J Crit Care Med 178: 491-499, **2008**.

## PUBLICATIONS (Cont'd)

*Journal Articles* (peer reviewed) (Cont'd)

Margaret L. Snyder, Christopher H. Goss, Blazej Neradilek, Nayak L. Polissar, Zab Mosenifar, Robert A. Wise, Alfred P. Fishman, and Joshua O. Benditt, for the Emphysema Treatment Trial Research Group. Changes in Arterial Oxygenation and Self-Reported Oxygen Use after Lung Volume Reduction Surgery. Am J Crit Care Med 178: 339-345, **2008**.

Michael B. Drummond, Amanda L. Blackford, Joshua O. Benditt, Barry J. Make, Frank C. Sciurba, Meredith C. McCormack, Fernando J. Martinez, Henry E. Fessler, Alfred P. Fishman and Robert Wise for the NETT Investigators. Continuous Oxygen Use in Nonhypoxemic Emphysema Patients Identifies a High-Risk Subset of Patients: Retrospective Analysis of the National Emphysema Treatment Trial. Chest 134:497-506, **2008**.

Graeme F. Woodworth, Clinton J. Baird, Giannina Garces-Ambrossi, James Tonascia, Rafael J. Tamargo: Inaccuracy of the Administrative Database: Comparatiave Analysis of Two Databases for the Diagnosis and Treatment of Intracranial Aneurysms. Neurosurgery 65: 251-257, **2009**.

Ronina A. Covar, Robert Strunk, Robert Zeiger, Laura A. Wilson, Andrew H. Liu, Scott Weiss, James Tonascia, Joseph D. Spahn, and Stanley Szefer, for the Childhood Asthma Management Program Research Group. Predictors of remitting, periodic, and persistent childhood asthma. J Allergy Clin Immunol 125: Number 2, 359-366.e3, **2010**.

*Books or Monographs*

Lilienfeld AM, Tonascia J, Tonascia S, Libauer CH, Cauthen GM, Markowitz JA, Weida S: Foreign Service Health Status Study: Evaluation of health status of foreign service and other employees from selected Eastern European posts. Final Report. No. PB-288-163. National Technical Information Service, Springfield, Virginia, July 31, **1978**.

*Chapters*

Brillhart J, Tonascia J, Weinberger P: On the Fermat quotient. In Computers in Number Theory, (eds.) Atkin AOL, Birch BJ, Academic Press, London, pp. 213-222, **1968**.

Matanoski GM, Sartwell P, Elliott E, Tonascia J, Sternberg A: Cancer risks in radiologists and radiation workers. In Radiation Carcinogenesis: Epidemiology and Biological Significance, Progress in Cancer Research and Therapy, Volume 26. John D. Boice and Joseph F. Fraumeni (eds.) Raven Press, pp. 83-96, **1984**.

McCarton CM, Brooks-Gunn J, Tonascia J: The Cognitive, Behavioral, and Health Status of Mainland Puerto Rican Children in the Infant Health and Development Program. In Puerto Rican Women and Children: Issues in Health, Growth and Development, (eds.) Gontran Lamberty and Cynthia Garcia, Coll. Plenum Press, New York, Chapter 10:161-189, **1994**.

## CURRICULUM VITAE

James Tonascia

### PART II

#### TEACHING

##### *Advisees*

Gracia M. Goade, Sc.M. in Biostatistics, 1972

"Adjustments in Calculating Tuberculosis Drug Resistance Rates."

Debra T. Silverman, Sc.M. in Biostatistics, 1972

"Maternal Smoking and Birthweight."

Zacharia Verghese, Sc.M. in Biostatistics, 1973

"Evaluation in Applied Nutrition Program."

Susan Tonascia, Sc.M. in Biostatistics, 1976

"Automatic Record Linkage in Follow-up Studies."

Maureen G. Maguire, Sc.M. in Biostatistics, 1977

"A Reexamination of the Relationship Between Oral Contraceptives and Thrombosis."

Daniel L. McGee, Ph.D. in Biostatistics, 1977

"Homogeneity of the Effect of Risk Factors on the Incidence of Cardiovascular Diseases."

Joan L. Davies, Sc.M. in Biostatistics, 1978

"The Interaction of Risk Factors for Endometrial Carcinoma."

Billy G. White, Ph.D. in Biostatistics, 1980

"A Class of Ethical Designs for Controlled Clinical Trials."

Lucy Mead, Sc.M. in Biostatistics, 1982

"The Inter-relationship of Maternal Risk Factors and Adverse Outcomes of Pregnancy."

Maureen G. Maguire, Ph.D. in Biostatistics, 1983

"Detecting Monotone Trend in Relative Odds in 2xJ Tables."

Alice Sternberg, Sc.M. in Biostatistics, 1983

"The Mortality Experience of American Radiologists."

Katherine Parker Yates, Sc.M. in Biostatistics, 1983

"Occupational Exposure to Ionizing Radiation: Can Health Effects be Assessed Directly?"

## TEACHING

### *Masters Thesis Reading*

Zacharia Verghese, Sc.M, Biostatistics, 1973  
 Lenita Thibault, Sc.M, Biostatistics, 1975  
 Lee Randol Barker, Sc.M, 1976  
 Deborah Valulick, Sc.M, 1976  
 Frank W. Rockhold, Sc.M, Biostatistics, 1977  
 Niles L. Primrose, Sc.M, 1980  
 Mary Margaret Yurachek, Sc.M, 1980  
 Lucy Mead, Sc.M, Biostatistics, 1982  
 Alice Sternberg, Sc.M, Epidemiology, 1983  
 Katherine Parker Yates, Sc.M, Biostatistics, 1983  
 Deanna Kruszon-Moran, Sc.M, Biostatistics, 1986  
 Richard J. Carroll, M.D, Sc.M, Health Policy & Management, 1992  
 Hsiao Ching Wang, Sc.M, Biostatistics, 1998  
 Marc Bacsafra, Sc.M, Biostatistics, 2000

### *Preliminary Oral Participation*

John D. Sorkin, M.D, Ph.D, in Chronic Disease Epidemiology, 1995  
 Christopher Cassirer, Sc.D, in the Department of Health Policy and Management, 1996  
 Rolf Klemm, Dr.P.H, in Department of International Health, 1996  
 Shubha Pathak, Ph.D, in Department of Health Policy and Management, 1996  
 Seamus P. O'Reilly, M.D, Ph.D, in the Graduate Training Program in Clinical Investigation, 1996  
 Mark D. Danese, Ph.D, in the Department of Epidemiology, 1996  
 Mariana Szklo, Ph.D, in the Department of Health Policy and Management, 1997  
 Karunesh Tuli, Ph.D, in the Department of International Health, 1997  
 Carlos Rios-Bedoya, Sc.D, in the Department of Mental Hygiene, 1997  
 Joseph B. Coble, Sc.D, in the Department of Environmental Health Sciences, 1998  
 Constance E. Ruhl, Ph.D, in the Department of Epidemiology, 1998  
 Felicia C. Allen, Ph.D, in the Department of Epidemiology, 1998  
 Britt Reid, Ph.D, in the Department of Epidemiology, 1999  
 Gary Bruce Copley, Ph.D, in the Department of Health Policy and Management, 1999  
 Erica Breslau-Sharp, Ph.D, in the Department of Health Policy and Management, 1999  
 Niloufer Randeira, Dr.P.H, in the Department of International Health, 1999  
 Emi Suzuki, Ph.D, in the Department of Population Dynamics, 2000  
 Manju Rani, Ph.D, in the Department of Population Dynamics, 2000  
 Somchai Laowattana, Ph.D, in the Department of GTCPI, 2000  
 Shangqian Qi, Ph.D, in the Department of Epidemiology, 2001  
 Jeanette White, Ph.D, in the Graduate Training Program in Clinical Investigation, 2001  
 Marta J. Marsh, Ph.D, in the Department of Epidemiology, 2001  
 Yongmei Liu, Ph.D, in the Department of Epidemiology, 2002  
 Shoshana Reshef, Ph.D, in the Department of Epidemiology, 2002



## TEACHING

### *Preliminary Oral Participation (Cont'd)*

Claire Snyder, Ph.D, in the Department of Health Policy and Management, 2003  
 Michelle Canham Chervak, Ph.D, in the Department of Health Policy and Management, 2003  
 Jessica M. Rath, Ph.D, in the Department of Health Policy and Management, 2004  
 Michael E. Mussolino, Ph.D, in the Department of Epidemiology, 2004  
 Gretchen A. Jacobson, Ph.D, in the Department of Health Policy and Management, 2004  
 Alison Gump, Ph.D, in the Department of Epidemiology, 2005  
 Rosalyn Juergens, Ph.D, in the Graduate Training Program in Clinical Investigation, 2005  
 Laura Herpel, Ph.D, in the Graduate Training Program in Clinical Investigation, 2005  
 Christine Stewart, Ph.D, in the Department of International Health, 2006  
 Kerry Dunbar, Ph.D, in the Department of Clinical Investigation, 2006  
 Lynn Huynh, Ph.D, in the Department of Epidemiology, 2009  
 Adrienne Shapiro, Ph.D, in the Department of Epidemiology, 2009

### *Final Oral Participation*

Sandra Oliver, M.Sc, 1973  
 Hude Chaudhury, Sc.D, 1973  
 Ted Nawalinski, Sc.D, 1973  
 Prakash L. Grover, Ph.D, 1973  
 Robert Shaw, Dr.P.H, 1974  
 Karl E. Longley, Sc.D, 1974  
 Vijai K. Kocher, Sc.D, 1974  
 Susan Fischman, Dr.P.H, 1974  
 George S. Stuebler, Jr., Sc.D, Public Health Administration, 1974  
 Roy G. Taylor, Sc.D, Epidemiology, 1975  
 Nicholas Cunningham, M.D, Dr.P.H, 1976  
 James H. Godbold, Ph.D, 1976  
 David D. Celentano, Sc.D, Behavioral Science, 1976  
 Carlos Antunes, Sc.D, 1977  
 George B. Schreiber, Sc.D, 1977  
 Ellen Gold, Ph.D, 1977  
 Daniel L. McGee, Ph.D, Biostatistics, 1977  
 Awad Abudejaja, Ph.D, 1977  
 Richard Hayes, M.D, Ph.D, 1978  
 Christine Bachrach, Ph.D, 1978  
 John R. Wilkins, Ph.D, 1978  
 Michael Von Kurff, Sc.D, 1978  
 Linda Cowan, Ph.D, 1978  
 Susan S. Devesa, Ph.D, 1978  
 Melvyn Tockman, M.D, Ph.D, 1979  
 Billy G. White, Ph.D, Biostatistics, 1980  
 Patricia Koslowe, Ph.D, Epidemiology, 1982

## TEACHING

### *Final Oral Participation (Cont'd)*

Robert J. McCarter, Jr, Sc.D, Epidemiology, 1983  
 Joyce Piper, Dr.PH, Epidemiology, 1983  
 Maureen G. Maguire, Ph.D, Biostatistics, 1983  
 George W. Korch, Ph.D, 1984  
 Penelope Keyl, Ph.D, Epidemiology, 1986  
 Donna Petersen, Sc.D, Maternal & Child Health, 1989  
 Roger Anderson, Ph.D, Health Policy & Management, 1991  
 William Mark Krushat, Sc.D, Health Policy & Management, 1992  
 David Peters, Dr.P.H, International Health, 1993  
 Ernest Massiah, Sc.D, 1993  
 Cheryl Finney, Ph.D, Health Policy & Management, 1997  
 Christopher Cassirer, ScD, Health Policy & Management, 1997  
 Shubha Pathak, Ph.D, Health Policy & Management, 1997  
 Ellen Smit, Ph.D, Epidemiology, 1998  
 John Sorkin, Ph.D, Epidemiology, 1999  
 Barbara K. Martin, Ph.D, Epidemiology, 1999  
 Michael Davidson, Ph.D, Epidemiology, 1999  
 Joseph B. Coble, Sc.D, Environmental Health Sciences, 1999  
 Antariksha Kiri, Ph.D, in the Department of Epidemiology, 2000  
 Karunesh Tuli, Ph.D, in the Department of International Health, 2000  
 Gary Bruce Copley, Ph.D, in the Department of Health Policy and Management, 2000  
 Britt C. Reid, Ph.D, in the Department of Epidemiology, 2000  
 Constance E. Ruhl, Ph.D, in the Department of Epidemiology, 2000  
 Monique A. Sheppard, Ph.D, in the Department of Health Policy and Management, 2001  
 Mariana Szklo, Ph.D, in the Department of Health Policy and Management, 2001  
 Manju Rani, Ph.D, in the Department of Population and Family Health Sciences, 2001  
 Emi Suzuki, Ph.D, in the Department of Population Dynamics, 2001  
 Jane V.R. Marsh, Ph.D, in the Department of Epidemiology, 2001  
 Rolf D. Klemm, Dr.P.H, in the Department of International Health, 2002  
 Darryl R. Brown, Ph.D, in the Department of Health Policy and Management, 2003  
 Megan Jehn, Ph.D, in the Department of Epidemiology, 2004  
 Jessica Rath, Ph.D, in the Department of Health Policy and Management, 2005  
 Christine Szekely, Ph.D, in the Department of Epidemiology, 2005  
 Gretchen Jacobsen, Ph.D, in the Department of Health Policy and Management, 2007  
 David R. Baker, Ph.D, in the Department of Health Policy and Management, 2008

## TEACHING

### *Classroom instruction*

Problems in Data Analysis, Biostatistics 14(A,B,C)09, 1982-88

Introduction to Computing, Biostatistics 145.607 (Summer), 1985-87

Introduction to Biostatistics, Biostatistics 140.602.03, 1988-89

Methods in Epidemiology, Epidemiology 346.62 (Summer), 1988-96

Basic Biostatistics-Observational Studies, Biostatistics 140.604.04, 1989-95

Basic Biostatistics-Observational Studies, Biostatistics 140.604, 1991-92

Methods in Epidemiology, Epidemiology 346.62 (Summer), 1991-92

## RESEARCH GRANT PARTICIPATION

Studies of the Ocular Complications of AIDS, Coordinating Center, 08/15/88-07/31/03, National Eye Institute.

Curtis Meinert (PI)

To facilitate the design and conduct of clinical trials and epidemiologic studies for the evaluation and treatment of AIDS-related ocular complications.

*Deputy Director*, Coordinating Center

Childhood Asthma Management Program (CAMP), Clinical Coordinating Center, 09/30/91-07/31/08, National Heart, Lung and Blood Institute.

James Tonascia (PI)

A multicenter, masked, placebo-controlled, randomized clinical trial carried out in children with moderate asthma. The trial is designed to determine the long-term effects of 3 treatments (either one or two classes of anti-inflammatory agents [budesonide or nedocromil] and placebo) on pulmonary function over a 5-6½ year period. Every patient will use an intermittent (as needed) short-acting  $\beta_2$ -agonist (albuterol).

*Director*, Coordinating Center

**RESEARCH GRANT PARTICIPATION (Cont'd)**

Efficacy of Early Intervention for LBW Infants Ages 6 to 8, Data Coordinating Center, 04/01/92-03/31/96, Albert Einstein College of Medicine.

James Tonascia (PI)

The Infant Health and Development Program (IHDP) is a multicenter, randomized, controlled trial to test the efficacy of an intervention to reduce the incidence of health and developmental problems among the low birth weight (LBW) premature infants.

*Director, Data Coordinating Center*

Treatment of Peripheral Cytomegalovirus Retinitis in Patients with AIDS, 01/01/94-19/30/96, Gilead Sciences, Inc.

Curtis Meinert (PI)

This project is a randomized, clinical trial with the objective of assessing the short-term safety, long-term safety, and efficacy of HPMPC for use in AIDS and CMV-retinitis patients.

*Deputy Director, Coordinating Center*

Methods to Assess and Factors Related to CMV Retinitis, 08/01/94-07/31/08, National Eye Institute.

Curtis Meinert (PI)

This application is for secondary analyses of data generated by the Studies of Ocular Complications of AIDS (SOCA) Foscarnet-Ganciclovir Cytomegalovirus Retinitis Trial (FGCRT).

*Deputy Director, Coordinating Center*

Clinical Trials Training Program in Vision Research, 07/01/95-06/30/96, National Eye Institute.

Curtis Meinert (PI)

This grant is for a 5-year Institutional National Research Service Award to establish training efforts in the area of clinical eye trials.

*Deputy Director, Coordinating Center*

**RESEARCH GRANT PARTICIPATION (Cont'd)**

National Emphysema Treatment Trial (NETT) - Coordinating Center, 12/20/96-08/31/13, National Heart, Lung, and Blood Institute.

James Tonascia (PI)

This project is a multicenter study of lung volume reduction surgery vs. medical therapy in patients with severe emphysema.

*Director, Coordinating Center*

Phase II Clinical Trial of Celecoxib in Barrett's Dysplasia, 09/30/98-09/30/03, National Institutes of health.

Arlene Forastiere (PI)

This project will evaluate the effectiveness of Celecoxib in patients with Barrett's Dysplasia.

*Co-Investigator, Coordinatong Center*

Asthma Clinical Research Center - Data Coordinating Center, 07/01/99-06/30/10, American Lung Association

Robert Wise (PI)

Data Coordinating Center for a network that will evaluate treatments for adults and children with asthma.

*Biostatistician, Data Coordinating Center*

Data Coordinating Center for the Sleep Heart Health Study (SHHS), 09/30/99 - 08/31/04, National Heart, Lung and Blood Institute

Jonathan Samet (PI)

This project is a multicenter prospective cohort study of the cardiovascular consequences of sleep-disordered breathing (SDB). The study will assess SDB as a risk factor for adverse cardiovascular effects including increased incidence of coronary heart disease (CHD) events, stroke, and hypertension, as well as for an increased rate of rise of blood pressure with age.

*Biostatistician*

**RESEARCH GRANT PARTICIPATION (Cont'd)**

Etanercept in Wegener's Granulomatosis (WGET), 09/30/99 - 06/30/04, National Institute of Arthritis and Musculoskeletal and Skin Disorders

John Stone (PI)

This project is a clinical trial to test the efficacy of etanercept in the maintenance of disease remissions in patients with Wegener's Granulomatosis.

*Biostatistician*

Childhood Asthma Management Program Continuation Study (CAMPCS), 11/01/99 – 04/30/03, National Heart, Lung and Blood Institute.

James Tonascia (PI)

NIH long-term followup of lung function growth and respiratory symptoms in participants in the CAMP clinical trial.

*Director, Coordinating Center*

Prevention of Alzheimer's Dementia and Cognitive Decline (ADAPT), 03/01/00 - 02/28/05, National Institute on Aging.

John Breitner (PI)

To conduct a clinical trial for the purpose of evaluating the safety and efficacy of two NSAIDs in preventing Alzheimer's dementia and attenuating cognitive decline.

*Biostatistician*

Clinical Research Network in Non-Alcoholic Steato-Hepatitis (NASH), 05/01/02 – 06/30/14, National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases

James Tonascia (PI)

A Data Coordinating Center (DCC) to support the Non-Alcoholic Steato-Hepatitis (NASH) clinical research network.

*Director, Data Coordinating Center*

**RESEARCH GRANT PARTICIPATION (Cont'd)**

Childhood Asthma Management Program Continuation Study/Phase 3 (CAMPCS/3), 09/30/03-06/30/11, National Heart, Lung and Blood Institute.

James Tonascia (PI)

Followup of participants in the CAMP clinical trial for long-term treatment effects on lung growth and physical development.

*Director, Coordinating Center*

Gastroparesis Clinical Research Consortium (GPCRC), 10/01/05-03/31/11, National Institute of Diabetes and Digestive and Kidney Diseases

James Tonascia (PI)

Gastroparesis Clinical Research Consortium, will focus on the etiology, natural history, and therapies for gastroparesis, has been awarded to Johns Hopkins University.

*Director, Data Coordinating Center*

Long-term Oxygen Treatment Trial (LOTT), 09/30/06-03/31/12, National Heart, Lung, and Blood Institute

James Tonascia (PI)

The overall objective of this research is to establish a 6-year multi center randomized clinical trial to evaluate the safety and efficacy of around-the-clock supplemental oxygen treatment versus usual care (no routine oxygen use or use limited to on exertion and less than 8 hours/day; supplemental oxygen will be allowed as needed during exacerbations) for patients with chronic obstructive pulmonary disease (COPD), moderately severe hypoxemia, and increased risk of mortality.

*Director, Data Coordinating Center*

Extremity Trauma Research Consortium (ETRC), 09/15/09-08/31/14, Department of Defense

MacKenize (PI)

The purpose of this multicenter consortium is to address the critical research issues challenging recovery from severe extremity trauma.

*Director, Data Coordinating Center*

## RESEARCH GRANT PARTICIPATION (Cont'd)

Gastroparesis Clinical Research Consortium (GPCRC) – ARRA (Supplemental Grant), 09/01/09 – 06/30/11, National Institute of Diabetes and Digestive and Kidney Diseases

James Tonascia (PI)

Gastroparesis Clinical Research Consortium, will focus on the etiology, natural history, and therapies for gastroparesis, has been awarded to Johns Hopkins University.

*Director, Data Coordinating Center*

Clinical Research Network in Non-Alcoholic Steato-Hepatitis (NASH) – ARRA (Supplemental Grant), 02/01/10 – 01/31/11, National Institutes of Health/National Institute of Diabetes and Digestive and Kidney Diseases

James Tonascia (PI)

A Data Coordinating Center (DCC) to support the Non-Alcoholic Steato-Hepatitis (NASH) clinical research network.

*Director, Data Coordinating Center*

## PRESENTATIONS

Donithan M, Van Natta M, Tonascia J. Cox regression analysis using SAS/PHREG. Poster presented at the Society for Clinical Trials annual meeting, Philadelphia, Pennsylvania, May, **1992**.

Van Natta M, Donithan M, Tonascia J. Graphical display of Kaplan-Meier plots. Poster presented at the Society for Clinical Trials annual meeting, Philadelphia, Pennsylvania, May, **1992**.

Van Natta M, Donithan M, Tonascia J. Standardizing documentation for trial. Poster presented at the Society for Clinical Trials annual meeting, Orlando, Florida, May, **1993**.