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Curriculum Vitae

JEFFREY R. BACKSTRAND

CURRENT ADDRESS

School of Public Affairs & Administration
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Rutgers University
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RESEARCH INTERESTS

Health, education and low income U.S. urban populations; disparities in maternal/child health; food systems; sociocultural determinants of food intake.

EDUCATION

Ph.D. 1990. Nutritional Anthropology
Department of Anthropology
University of Connecticut
Storrs, Connecticut

Coursework: Medical anthropology; human nutrition; research methods/statistics; applied anthropology; urban anthropology.

M.A. 1983. Anthropology
Department of Anthropology
University of Connecticut
Storrs, Connecticut

Coursework: Human evolution; population genetics; medical anthropology; quantitative methods.

A.B. 1974. Physical Anthropology
Department of Anthropology &
Sociology
Pomona College
Claremont, California

Coursework: Cultural and physical anthropology; organic chemistry; comparative anatomy; botany; statistics; calculus; population and molecular genetics.

CURRENT POSITION

Associate Professor

- 2011- School of Public Affairs & Administration, Rutgers-Newark
- 2015- Director, Center for Collaboration & the Urban Child
- 2011-15 Director of Research, Newark Schools Research Collaborative, School of Public Affairs & Administration, Rutgers-Newark.
- 2012- Chair, Department of Urban Public Health Administration, School of Public Health, University of Medicine & Dentistry of New Jersey.
- 2001- Faculty, Joint Ph.D. Program in Urban Systems.

PREVIOUS POSITIONS

- 2001-2011 Associate Professor, Coordinator, Urban Health Concentration (2003-2006), Joint Ph.D. Program in Urban Systems (UMDNJ, NJIT, & Rutgers-Newark). University of Medicine and Dentistry of New Jersey, Newark, NJ. *Joint appointments:* Department of Health Education & Behavioral Science, School of Public Health; Department of Preventive Medicine & Community Health, New Jersey Medical School.
- 1995-2001 Assistant Professor, Director, Public Health Nutrition Program, Department of Nutrition and Food Studies, New York University
- 1992-95 Assistant Professor in Residence, Department of Nutritional Sciences, University of Connecticut, Storrs, Connecticut.
- 1990-92 Program Specialist, Collaborative Research Support Program on Human Nutrition and Function (Nutrition CRSP II), Mexico Project, Department of Nutritional Sciences, University of Connecticut, Storrs, Connecticut.
- 1987-88 Research Associate, Department of Family Medicine, University of Connecticut Health Center, Farmington, Connecticut.
- 1984-87 Data Base Manager, Collaborative Research Support Program on Human Nutrition and Function (Nutrition CRSP I), Mexico Project, Department of Nutritional Sciences, University of Connecticut, Storrs, Connecticut.
- 1981-84 Data Analyst and Grant Writer, Hispanic Health Council, Hartford, Connecticut.

HONORS

- 2004 Nominated, membership in the *UMDNJ Master Educator Guild*.
- 2001
 - Member, Ad Hoc Subcommittee on *Technical Specifications for a High-Energy, Nutrient-Dense Emergency Relief Food Product*. *Committee on Military Nutrition Research (CMNR)*, *Food and Nutrition Board*, *Institute of Medicine*, *National Academy of Sciences*.
 - Candidate, Nominations Board, *American Society for Nutritional Sciences*
- 2000 Chair, Community & Public Nutrition Research Interest Section (RIS), *American Society for Nutritional Sciences*.
- 1999 Chair Elect, Community & Public Nutrition Research Interest Section, *American Society for Nutritional Sciences*.
- 1996 Elected Fellow, *Society for Applied Anthropology*

HONORS (cont.)

- 1995-98 Chair of Program Committee and Member of Executive Board, *Council on Nutritional Anthropology* (elected officer--three terms)
- 1985-87 Chair, Data Managers' Group, *Nutrition CRSP* (Collaborative Research Support Program).

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Anthropological Association
American Society for Nutritional Sciences
American Public Health Association
Council on Nutritional Anthropology
Society for International Nutrition Research
Society for Medical Anthropology
Society for Urban, National and Transnational/Global Anthropology

UNIVERSITY SERVICE (RUTGERS WIDE)

- 2014-15 Member, Global Urbanism(s) Biennial Theme Committee.

UNIVERSITY SERVICE (RUTGERS BIOMEDICAL AND HEALTH SCIENCES)

- 2015- Member, Admissions Committee, School of Public Health
Member, Academic Progression Committee, School of Public Health
- 2013- Member, Executive Council, School of Public Health
Member, Curriculum Committee, School of Public Health
- 2013-15 Chair, Curriculum Committee, Newark Campus, School of Public Health
Member, Executive Council, Newark Campus, School of Public Health

UNIVERSITY SERVICE (RUTGERS-NEWARK)

- 2013 Evaluator of the Urban Education Teacher Education Program (UTEP) in preparation for re-accreditation by the Teacher Education Accreditation Council. School of Arts and Sciences.
Director of Research, Fairmont-Newark Promise Neighborhood Planning Grant, Rutgers-Newark.
- 2011-2012 Director, Ad-Hoc Committee on Undergraduate Degree in Public Health, SPAA & SPH

UNIVERSITY SERVICE (UMDNJ)

- 2011-2013 Chair, Curriculum Committee, Newark Campus, School of Public Health
Member, School Curriculum Committee, School of Public Health
Member, Executive Committee, Newark Campus, School of Public Health
Member, School Executive Committee, School of Public Health
- 2009-2011 School of Nursing Representative, AAUP
- 2008-2011 Ombudsman, School of Nursing
Member, Faculty Senate Development & Implementation Committee (FSDIC)
- 2008-2009 Chair, Research Committee. School of Nursing
- 2005-2006 Chair, Research Committee. School of Nursing
- 2003-2011 Chair, Admissions Committee, Joint Ph.D. Program in Urban Systems
- 2003-2006 Coordinator, Urban Health Concentration, Urban Systems Ph.D. Program
- 2003-2004 Member, Faculty Search Committees, School of Nursing
- 2001-2002 Member, Search Committee for Dean, School of Nursing

UNIVERSITY SERVICE (New York University)

- 1997-2001 Departmental Representative, School of Education Faculty Senate & Faculty Council
- 1999-2001 Member, Institutional Planning and Development Committee
- 1999-2000 Chair, Departmental Faculty Search Committee
- 1998-99 Chair, Departmental Faculty Search Committee
- Fall 1998 Member, Educational Programs Standing Committee
- 1997-98 Member, Faculty-Student Standing Committee
- 1997-2001 Member, School of Education Health Doctoral Proposal Review Committee
- 1996-97 Member, Departmental Faculty Search Committee

TEACHING

- 2012- School of Public Health, UMDNJ/School of Public Affairs & Administration, Rutgers University, Newark.
- *Graduate courses:* Health Systems & Policy; Applied Research Design; Introduction to Urban Health
 - *Undergraduate courses:* Society, Culture & Public Health
- 2001-2011 Joint Ph.D. Program in Urban Systems, Rutgers-Newark/New Jersey Institute of Technology (NJIT)/University of Medicine and Dentistry of New Jersey (UMDNJ).
- Coordinator, Urban Health Concentration (2003-2006).
 - *Doctoral Seminars:* Determinants and Consequences of Urban Health; Urban Populations: Demography and Trends; Urban Health Systems: History, Structure and Challenges; Social and Cultural Construction of Health; Analysis and Management of Urban Health Data; Health and Policy Evaluation; Quantitative Research Methods; Research Applications in Urban Systems; Evolution of the American Metropolis.

TEACHING (cont.)

- 1995-2001 Department of Nutrition and Food Studies, New York University.
- *Undergraduate courses*: Computers in Nutrition and Food Studies I, II, & III.
 - *Graduate courses*: Research Methods; Nutrition in Public Health; Advanced Nutrition: Vitamins and Minerals; Program Planning in Foods and Nutrition; Field Experience in Public Health Nutrition; Nutritional Epidemiology.
- 1992-1995 Department of Nutritional Sciences, University of Connecticut, Storrs, Connecticut.
- *Undergraduate courses*: Food, Society, and Culture; Principles of Community Nutrition; Experiences in Community Nutrition.
 - *Graduate courses*: Nutrition Seminar (*topic*: child growth); Advanced Community Nutrition; Ecology of Food and Nutrition.

DISSERTATIONS AND THESES SUPERVISED

Ph.D. Dissertations

Major advisor:

- Miller-Armbrister, Julane (ND). *Organizational Factors that Support Access to Care That Is Provided by Federally Qualified Health Centers*. Urban Health concentration. Joint Ph.D. in Urban Systems. Rutgers Biomedical & Health Sciences.
- Forbes, Paulette (ND). *Access to Quality Health Care by Adults with Sickle Cell Anemia*. Urban Health concentration. Joint Ph.D. in Urban Systems. Rutgers Biomedical & Health Sciences.
- Igbinoia, Robert (ND). *African Immigrants to the United States: The Influence of Culture in Academic Achievement Among Nigerian Immigrants and Their Children in Northern New Jersey (Post 1960)*. Urban Educational Policy concentration. Joint Ph.D. in Urban Systems. Rutgers-Newark.
- Hanson, Rene (ND). *Pathways to College Readiness: The Effects of Pre-College/Developmental Programs on Students*. Urban Educational Policy concentration. Joint Ph.D. in Urban Systems. Rutgers-Newark.
- Martin, Simone (ND). *An Evaluation of the Effectiveness of Maternal Health and Parenting Programs on Child Health Outcomes: A Case Study of a Community-Based Organization in the Western Cape, South Africa*. Global Affairs Doctoral Program, Rutgers-Newark.
- Baldauff, Debra (2016). *Use of the Emergency Room for Pediatric Mental Problems in the Urban Southwest United States*. Urban Health concentration. Joint Ph.D. in Urban Systems. Rutgers Biomedical & Health Sciences.
- Benton, Joyvin. (2015). *The Influence of Schools on Academic Performance: A Relational Model of School Climate, Academic Self-Concept and Motivation*. Urban Educational Policy concentration. Joint Ph.D. in Urban Systems. Rutgers-Newark.
- Kronen, Cara (2014). *Breaking Through: College Aspirations and Outcomes of High School Graduates from Yonkers, New York*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers-Newark.

DISSERTATIONS AND THESES SUPERVISED (cont.)

Ph.D. Dissertations

Major advisor:

- Qureshi, Rubab (2010). *Experiences of Pregnancy, Childbirth and the Post-Partum Period in Urban and Rural Immigrant Pakistani Women*. Joint Ph.D. in Urban Systems. University of Medicine & Dentistry of New Jersey.
- Porter, Sallie (2009). *Safe Haven Infant Protection: Incidence of Use and Characteristics of Surrendered Infants and Relinquishing Users*. Joint Ph.D. in Urban Systems. University of Medicine & Dentistry of New Jersey.
- Chung, Seong Sook (1995). *Dietary Change: Food Habits of Koreans in New Haven*. Department of Nutritional Sciences. University of Connecticut.
- Fey-Yensan, Nancy (1995). *Developing an Instrument for Assessing the Eating Behaviors of Elderly Women*. Department of Nutritional Sciences. University of Connecticut.

Associate Advisor (ND indicates approved dissertation project, but not yet defended):

- Clark, Joya H. (ND). *Discursive Identity: Assimilation into the Culture of Science and Its Implications for Minority Pre-Service Teachers*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Hogg, Catherine (ND). *The Impact of Institutional Culture and Climate on Baccalaureate Degrees for Minorities and Women in Science, Technology, Engineering and Math: Strengthening and Sustaining Persistence in STEM*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Ayorinde, Aramide (2016). *Exploring the Importance of Social Networks in Addressing Issues of HIV and AIDS in African Immigrant Communities*. Urban Health concentration. Joint Ph.D. Program in Urban Systems. Rutgers Biomedical & Health Sciences
- Barber, Desiree (2016). *Suburban Perceptions and Experiences Related to Enrollment in Honors Classes*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Pham, Ha (2016). *Negotiating Public Access to Urban Waterfronts: The Case of the Hudson River Waterfront Walkway*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. Rutgers University-Newark.
- Buga, Joseph S. (2015). *Late 20th and Early 21st Century Light Rail Systems and Changing Development Patterns in the United States*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Spivack, Dolores (2015). *Amending the Building Code of the City of New York: Exploring Forces That Influenced Change*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.

DISSERTATIONS AND THESES SUPERVISED (cont.)

Ph.D. Dissertations

Associate advisor:

- Mahoney, Kathleen (2015). Identification of predictors of postpartum depression risk in New Jersey. Joint Ph.D. Program in Urban Systems. Urban Health concentration. Rutgers University-Newark.
- Monk, Jermaine J. (2015). Male Identity and Academic Outcomes: Case Studies of Black Male Collegians at an Urban University.
- Baker, Uchenna (2014). *An Ontological/Phenomenological Model of Leadership: Igniting Individual and Collective Transformation and Catalyzing Educational Reform*. Rutgers-Newark.
- Baucum, Kaili (2013). *Creating a School-Based Program for the High Academic Achievement of All Students: All Means All*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Huang, Te-Sheng (2013). *Is the Public Invited? Design, Management, and Use of Privately Owned Public Spaces in New York City*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Makis, Molly (2013). *When "Opportunity" Moves to You: How Residing in a Gentrified Community Affects the Education and Environment of Youth in Public Housing*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Engleman, Brian (2013). *Does Proximity Matter? The Relationship Between Inner Cities and Violence, Gang Presence, and Urban Culture in Suburban School Districts*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Hamdi, Hanaa (2012). *Neighborhood Food Environments and Food Acquisition Practices in Newark's South Ward*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Hill, Diane (2012). *The Transformation of Metropolitan Universities: A Case Study of Rutgers University-Newark and Its Community Engagement Programs, 1967-2010*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Lassiter, Teri. E. (2012). *Exposure to Dating/Sexual Violence and Health Risk Behaviors Among Black, Hispanic and White Female Adolescents*. Joint Ph.D. Program in Urban Systems. Urban Health concentration. University of Medicine & Dentistry of New Jersey.
- Panlillio, Maria Carme n (2012). *The Effect of Remediation and Student Support Programs on the Academic Outcomes of Underprepared College Students*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Davidson, Tara B. (2012) *Secondary School Teacher and Principal Perceptions of Mayoral Control in New York City 2002-2009*. Urban Educational Policy concentration. Joint Ph.D. Program in Urban Systems. Rutgers University-Newark

DISSERTATIONS AND THESES SUPERVISED (cont.)

Ph.D. Dissertations

Associate Advisor:

- Brown, Elizabeth Morrison (2011). *Family Gentrification, Student Diversity and Academic Achievement: A Case Study of a Parent Organized Charter School*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Brown, Michael (2010). *The Effects of Three Hope VI Projects on Residents in Camden, New Jersey*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Yabur, Maria Beatriz (2010). *Noxious Odor in Residential Environments: Coping in Reactive and Proactive Ways in Three New Jersey Communities*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Keeton, V. Andre (2009). *An Analysis of the Effects of Traditional Versus Alternative Educational Assessment Programs on Student Attitudes and Post Secondary Outcomes*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Yaacov, Caryn (2009). *Dynamics of School Playground Use in Low-Income Neighborhoods: Four Case Studies from Newark, New Jersey*. Joint Ph.D. Program in Urban Systems. Urban Environments concentration. New Jersey Institute of Technology.
- Zha, Peijia. (2009). *A Structural Analysis of Neighborhood and School Effects on Immigrant Children's Educational Achievement*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Turner, Franklin D. (2007). *Racial Differences in Developing Fluency: The Effects of Two Fluency-Oriented Reading Approaches*. Joint Ph.D. Program in Urban Systems. Urban Educational Policy concentration. Rutgers University-Newark.
- Burrowes, Jerrilynn D. (2002). *Nutrition-Related Risk Factors Reflective of Protein-Energy Malnutrition that Predict Morbidity and Mortality in Younger, Middle-Aged, and Older Adults Receiving Maintenance Hemodialysis*. Department of Nutrition and Food Studies. New York University.
- Dooley, Nancy Robert (2001). *Predicting the Quality of Life of Persons with Geropsychiatric Disorders in the Community: Assessment of Instrumental Function*. Department of Occupational Therapy. New York University.
- Young, Lisa (1999). *Portion Sizes in the American Food Supply: Issues and Implications*. Department of Nutrition and Food Studies. New York University.
- Blum, Lauren (1998). *Beliefs and Behavioral Factors Affecting Vitamin A Intake Among Preschool Children in Niger*. Department of Anthropology. University of Connecticut.
- Affenito, Sandra (1995). *Identification and Consequences of Eating Disorders in Young Adult Females with Insulin-Dependent Diabetes Mellitus*. Department of Nutritional Sciences. University of Connecticut.

DISSERTATIONS AND THESES SUPERVISED (cont.)

Ph.D. Dissertations

Associate Advisor:

- Lucchina, Lauri (1995). *6-N-Propylthiouracil: Genetic Determinant of Diet-Related Behaviors and Nutritional Status in Older Females*. Department of Nutritional Sciences. University of Connecticut.
- Kranyak, Mary Louise (1994). *Relationships Among Preadolescents' and Adolescents' Attitudes Toward Television Cereal Commercials and their Cereal Consumption Behaviors: An Analysis Using Structural Equation Modeling*. Department of Nutritional Sciences. University of Connecticut.
- Duffy, Valerie (1992). *Measured and Self-Rated Olfactory Dysfunction, Food Behaviors, Dietary Intake and Body Mass Index in Single-Living Elderly Women*. Department of Nutritional Sciences. University of Connecticut.

M.S. Theses

Major Advisor:

- Verabhadran, Usha (1995). *Blood Pressure in the Solis Valley of Central Mexico*. Department of Nutritional Sciences. University of Connecticut.

Associate Advisor:

- Pujda, Lily (1995). *Differences in Patterns of Weight Gain and Dietary Patterns in Women with and without Gestational Diabetes Mellitus*. Department of Nutritional Sciences. University of Connecticut.
- Daube, Linda (1995). *Measuring Dietary Variety in Independently Living, Older Women*. Department of Nutritional Sciences. University of Connecticut.
- Rodrigues, Shaila (1995). *Growth and Body Composition of Children Born to Women with Insulin Dependent Diabetes Mellitus*. Department of Nutritional Sciences. University of Connecticut.
- Casterline, Jennifer (1993). *High Prevalence of Vitamin B₁₂ Deficiency in Rural Mexican Communities and Its Relationship to Anemia in Children*. Department of Nutritional Sciences. University of Connecticut.

GRANTS

- 2015-16 Principal Investigator, "High School Graduation Tracker Project." *Elizabeth Public Schools*: \$137,000.
- 2014-15 Co-Principal Investigator, "Urban Educational Improvement in Elizabeth and Newark, New Jersey." Ford Foundation. \$200,000.
- 2013-14 Principal Investigator, "Evaluation of the H.E.A.L Medical-Legal Partnership." Rutgers Law School. \$17,000.
- 2004-06 Principal Investigator: Jeffrey R. Backstrand. UMDNJ Foundation. "Influence of vitamin D status during pregnancy on birth outcomes of minority mothers." \$19,664.

GRANTS (cont.)

- 2001-05 Principal Investigator: State of Connecticut WIC program. "Project ReNEW." FY2002 WIC Special Project Grant #10-557. Food and Nutrition Service, USDA. Designed program evaluation protocol and directed program evaluation activities. Program provided Connecticut WIC staff with training in cultural competence and customer service. Evaluation assessed the effect of staff training on WIC client satisfaction. \$500,000 (3 years).
- 1996 Principal Investigator: Jeffrey R. Backstrand. NYU School of Education Research Challenge Grant. "Poverty and Growth Faltering in the United States." \$2,758.
- 1995 Co-PI with Marion Nestle. NYU Curricular Development Challenge Grant. "Developing Diverse Audiences for the Public Health Nutrition MPH Program." \$6,000.
- 1994-97 Principal Investigator: Ann M. Ferris, Ph.D. Food Stamp Program, Food and Nutrition Service, USDA. "UConn Family Nutrition Program." Designed and wrote infant-toddler component of proposal. \$750,000 (3 years).
- 1978-85 One of a small grant writing team at the Hispanic Health Council (Hartford, CT) that successfully obtained major grants from the *National Cancer Institute*, *National Institute on Alcohol and Alcohol Abuse* (NIAAA), *Ross Laboratories*, the *Connecticut Health Association*, and the *Hartford Foundation for Public Giving*.

OTHER PROFESSIONAL EXPERIENCE

Computer Programming

Professional-level SAS-programmer with extensive experience in working with large, complex data sets. *Other software*: ArcGIS, FileMaker Pro, Amos (structural equation models).

PUBLICATIONS

Published Reports:

- 2002 Institute of Medicine, Food and Nutrition Board, Committee on Military Nutrition Research, Subcommittee on the Technical Specifications of a High-Energy Dense Emergency Food Product. *High-energy, nutrient-dense emergency relief food product*. Washington D.C.: National Academy Press, 2002.

Journal Articles: Submitted for Review or in Preparation

** was student's advisor and contributed to research design and analyses*

- ND Backstrand JR, Campbell DA, Naqvi M, Thomas P. Ethnicity and seasonal variation in preterm delivery: United States, 1999-2003. In revision for submission to *Obstetrics and Gynecology*.
- ND Backstrand JR, Qureshi R. Ethnicity, season and birth weight among preterm infants: United States, 1999-2003. In revision for submission to the *American Journal of Obstetrics & Gynecology*.
- ND Backstrand JR. Ethnicity, season and birth weight among full term infants: United States, 1999-2003. In preparation for submission to the *American Journal of Obstetrics & Gynecology*.

PUBLICATIONS (cont.)

Published Journal Articles & Book Chapters:

** was student's advisor and contributed to research design and analyses*

- 2011 *Buff-Prado K, Shuff S, Backstrand JR. LDL particle number predicts coronary artery calcification in asymptomatic adults at high risk of cardiovascular disease. *Journal of Clinical Lipidology*. 5:408-13.
- 2010 Backstrand JR. Sections on Pierre Bourdieu, Michel Foucault, Marvin Harris, Nancy Krieger, and Symbolic Interactionism. In M. Douglas and D. Pacquiao (Eds.) Core Curriculum in Transcultural Nursing and Health Care. *J of Transcultural Nursing*, 21. 53S-136S.
- 2006 *Campbell DA, Lake MF, Falk M, Backstrand JR. Evaluation of continuous support in labor by a lay doula: a randomized controlled trial. *J of Obstetric, Gynecological and Neonatal Nursing* 35:456-64.
- 2005 *Burrowes JD, Dalton S, Backstrand JR, Levin NW. Patients on maintenance hemodialysis with low vs. high levels of nutrition risk have decreased morbidity. *Journal of the American Dietetics Association*. 105: 563-572.
- 2004 Backstrand JR, Goodman AH, Allen LH, Pelto GH. *Pulque* intake during pregnancy and lactation: alcohol and child growth from 1 to 57 mo. *European Journal of Clinical Nutrition* 58:1626-1634.
- 2003 Backstrand JR. "Quantitative approaches to nutrient density for public health nutrition." *Public Health Nutrition*. 6:829-837.
 Goodman AH, Dolphin A, Klein R, Backstrand JR, Amarasiriwardena D, Reid JB. Tooth rings: enamel as a chronological biomonitor of elemental absorption from pregnancy to adolescence. *Journal of Children's Health* 1:203-214.
 Pelto GH, Backstrand JR. Interactions of belief and power in nutrition interventions. *Journal of Nutrition* 133:297S-300S.
- 2002 Backstrand JR. The history and future of U.S. food fortification: a public health perspective. *Nutrition Reviews* 60:15-26.
 Backstrand JR, Allen LH, Black AK, de Mata M, Pelto GH. Diet and the iron status of nonpregnant women in rural Central Mexico. *American Journal of Clinical Nutrition* 75:156-164.
- 2001 Backstrand JR, Allen LH, Martinez E, Pelto GH. Maternal consumption of *pulque*, a traditional central Mexican alcoholic beverage: relationships to infant growth and development. *Public Health Nutrition*. 4: 883-891.
- 1999 *Ebbeling CB, Backstrand JR & Rodriguez NR. Screening indices for pediatric obesity. *Nutrition Research* 19: 805-815.
 Sim YJ, Kim J & Backstrand JR. Food life of Korean American housewives in the New York/New Jersey area. *Korean Journal of Nutrition* 32: 101-109.
- 1998 *Affenito SG, Rodriguez NR, Backstrand JR, Welch GW & Adams CH. Insulin misuse by women with Type I Diabetes Mellitus does not favorably change body weight, body composition, or body fat distribution. *Journal of the American Dietetic Association*. 98: 686-8.

PUBLICATIONS (cont.)

Published Journal Articles & Book Chapters:

** was student's advisor and contributed to research design and analyses*

- 1998 *Rodrigues S, Ferris AM, Pérez-Escamilla R & Backstrand JR. Obesity among offspring of women with Type I Diabetes." *Clinical and Investigative Medicine* 21: 258-265.
- 1997 Backstrand JR, Allen LH, Pelto GH & Chávez A. Examining the gender gap in nutrition: an example from rural Mexico. *Social Science and Medicine* 44: 1751-1759.
- *Affenito SG, Backstrand JR, Welch GW, Lammi-Keefe CJ, Rodriquez NR & Lammi-Keefe CH. Subclinical and clinical eating disorders in Insulin-Dependent Diabetes Mellitus negatively affect on metabolic control. *Diabetes Care* 20: 182-184.
- 1997 *Affenito SG, Lammi-Keefe CJ, Vogel S, Backstrand JR, Welch GW & Adams CH. Women with Insulin-Dependent Diabetes Mellitus (IDDM) complicated by eating disorders are at risk for exacerbated alterations in lipid metabolism. *European Journal of Clinical Nutrition* 51: 462-466.
- 1996 Backstrand JR & Allen LH. Early feeding and somatic development: the timing and etiology of undernutrition. In: Boulton J, Rey J, and Laron Z, eds. pp. 1-17. *Long term consequences of early feeding*. Nestlé Nutrition Workshop Series Volume 36. New York: Raven Press.
- 1995 Backstrand JR. Maternal anthropometry as a risk predictor of pregnancy outcome: the Nutrition CRSP in Mexico. *Bulletin of the World Health Organization* 73 (suppl): 96-98.
- 1995 *Duffy VB, Backstrand JR & Ferris AM. Olfactory dysfunction and related nutritional risk in free-living, elderly women. *Journal of American Dietetic Association* 95: 879-884.
- 1993 Martinez H., Allen LH, Chavez A., Pelto GH, Molina E, Rios E, Backstrand JR, Black AK & Ely RD. Factores de la dieta que afectan el crecimiento de niños en el medio rural. *Bol. Med. Hosp. Infant Mex.* 50:702-703.
- 1992 Allen LH, Backstrand JR, Stanek EJ, Pelto GH, Chávez A, Molina E, Castillo JB & Mata A. The interactive effects of dietary quality on growth and attained size of Mexican preschoolers. *American Journal of Clinical Nutrition* 56: 353-364.
- 1991 Allen LH, Black AK, Backstrand JR, Pelto GH, Ely RD, Molina E & Chávez A. An analytical approach for exploring the importance of dietary quality vs. quantity to the growth of Mexican children. *Food and Nutrition Bulletin* 13: 95-104.
- Pelto GH, Urgello J, Allen LH, Chávez A, Martinez H, Meneses L, Capacchione C & Backstrand J. Household size, food intake, and anthropometric status of school-age children in a highland Mexican area. *Social Science and Medicine* 33: 1135-1140.
- 1985 Glasser M, Amdur MJ & Backstrand J. The impact of psychotherapists and primary physicians on suicide and other violent deaths in a rural area. *Canadian Journal of Psychiatry* 30: 195-201.

PUBLICATIONS (cont.)

Published Journal Articles & Book Chapters:

** was student's advisor and contributed to research design and analyses*

- 1982 Backstrand JR & Schensul S. Co-evolution in outlying ethnic communities. *Journal of Urban Anthropology* 11: 9-38.
Schensul S, Borrero M, Barrera V, Backstrand JR & Guarnaccia P. A model of fertility control in a Puerto Rican community. *Journal of Urban Anthropology* 11: 81-99.

Doctoral Dissertation:

- 1990 Backstrand JR. *Patterns of household food consumption in rural, central Mexico*. Ph.D. dissertation (Anthropology, University of Connecticut, Storrs). 483 pp.

Published Book Reviews:

- 1998 Backstrand JR. Review of *Food and Culture in America: A Nutrition Handbook* by PG Kittler and KP Sucher *Nutritional Anthropology* 22: 21-23.

Published Abstracts:

- 2003 Acosta AG, Goodman AH, Backstrand JR, Dolphin AE. Infants' enamel growth disruptions and the quantity & quality of mothers' perinatal diets in Solis, Mexico. *Am J Phys Anth* 36: 55.
2002 Dolphin AE, Goodman AH, Amarasiriwardena D, Backstrand J. The influence of maternal diet on prenatally-forming enamel zinc concentrations of children from the Solis Valley, Mexico. *Am J Phys Anth* 34: 64.
1998 Backstrand JR. Anthropology and U.S. public health nutrition in a time of antioxidants and shrinking safety nets. *Nutritional Anthropology* 21: 13-14.
Backstrand JR, Allen LH, Pelto GH & Chávez A. Examining the gender gap in nutrition: an example from rural Mexico. *Rural Development Abstracts* 21: xx.
1997 Fey-Yensan N, Backstrand J & Ferris AM. Documenting food behavior in independent-living older adults: Development and validation of a self-administered instrument. *American Journal of Clinical Nutrition* 65: S1316.

Published Abstracts:

- 1997 Fey-Yensan NL, Capacchione CM & Backstrand J. External validity of a geriatric food behavior instrument: scale scores and their association with selected risk factors. *Journal of the American Dietetic Association* 97:A66.
1996 Affenito S, Backstrand J, Welch G, LammiKeefe C, Rodriguez N & Adams C. Sub-clinical and clinical eating disorders in insulin-dependent diabetes mellitus: A potent negative impact on metabolic control. *Diabetes* 45: 44.
1994 Backstrand JR, Allen LH, Pelto GH, Molina E & Chávez A. Assessing dietary intake in rural third world settings: implications of the Mexico Nutrition CRSP. *American Journal of Clinical Nutrition* 59:291S.

Unpublished Reports:

- 2015 Backstrand, JR and Makris with Auffant N, Coughlin R, Rodriguez, M., Gutwein M. *Newark Fairmount Promise Neighborhood: Needs Assessment and Segmentation Analysis*. Rutgers University-Newark Education Research Collaborative. School of Public Affairs & Administration, Rutgers University. 132 pp.
- Backstrand, JR. *Preliminary Quantitative Assessment of ELT in the Elizabeth Public Schools*. Rutgers University Newark Educational Research Collaborative Report to the Ford Foundation. 19 pp.
- Roda, A & Backstrand, JR. *Results of Qualitative Research on ELT at the Elizabeth Public Schools*. Rutgers University Newark Educational Research Collaborative Report to the Ford Foundation. 13 pp.
- Cohen, L & Backstrand, JR. *Preliminary Report on NJASK Performance at the Elizabeth Pubic Schools*. Rutgers University Newark Educational Research Collaborative 13 pp.
- 2014 Backstrand JR, with Roda A, Cohen J, Keeton A, Sadovnik A, Coughlin R, Ferguson F, Kronen C, and Rosenblum E. *Post-Secondary Outcomes of Newark Public School Graduates (2004-2011): College Matriculation, Persistence & Graduation*. Rutgers University-Newark Education Research Collaborative. School of Public Affairs & Administration, Rutgers University. 147 pp.
- Backstrand, JR, Roda, A, Cohen L, & Sadovnik A. *Using Time to Expand Learning Opportunities: Foundational Research Activities on the Elizabeth Public Schools*. Rutgers University-Newark Education Research Collaborative. School of Public Affairs & Administration, Rutgers University. 59 pp.
- 2012 Baker B, Khalil D, Liu E, Wilson JW, Zha P, Backstrand JR, & Sadovnik AR. *Assessing Newark, New Jersey's Public School Teacher Workforce*. Newark Schools Research Collaborative. School of Public Affairs & Administration, Rutgers University
- Barr J & Backstrand JR. *A Study of Charter School Performance in Newark, New Jersey, 2003 – 2010*. Newark Schools Research Collaborative. School of Public Affairs & Administration, Rutgers University
- 2011 Keeton A, Sadovnik AR, Backstrand JR. *New Jersey's Special Review Assessment (SRA): An Examination of the Post-Secondary Outcomes of Newark High School Graduates 2003-2008*. Institute of Education, Law and Policy. Newark Schools Research Collaborative. Rutgers University, Newark.
- Sadovnik AR, Fergus E, Backstrand J, Torres M, Garretson A, Rivera E, Beitlers *Resident Perceptions of Public Education in Newark: A Community Survey*. Metropolitan Center for Urban Education, New York University & the Newark Schools Research Collaborative, Rutgers University, Newark.

Unpublished Reports (cont.):

- 2005 *Project ReNew. Final Report to USDA Food and Nutrition Service (FNS)*. State of Connecticut WIC Program, Department of Health, Hartford, CT.
- 1999 Woo N. *Eating Poor: A Nutritional Survey of New York City Food Pantries*. New York City Coalition Against Hunger, New York, NY.
- 1997 Backstrand JR, Wootan MG, Young LR & Hurley J. *Fat Chance: A Survey of Dietitians' Knowledge of Calories and Fat in Restaurant Meals*. Center for Science in the Public Interest, Washington, D.C.
- 1994 Backstrand JR. *Report on Mexico Nutrition CRSP children for World Health Organization Global Database on Child Growth*. World Health Organization.
- 1993 Backstrand JR. *Maternal Anthropometry as a Risk Factor in Pregnancy Outcomes: Mexico Nutrition CRSP*. Consultant's Report on Early Predictors of Birth Outcome to World Health Organization. World Health Organization.
- 1992 Allen LH, Backstrand JR, Chávez A & Pelto GH. *People Cannot Live by Tortillas Alone: The Results of the Mexico Nutrition CRSP*. Mexico Project Final Report to the US Agency for International Development. Collaborative Research and Support Program on Human Nutrition and Function. Department of Nutritional Sciences, University of Connecticut. 290 pp.

Newsletters, Other:

- 1997 Backstrand JR. Faculty talk...On plagiarism. *Student Matters*, November 1997, p. 2. School of Education, New York University.
- 1995 Backstrand JR. A thorny problem: nutrient conversion software. *The Communicator* (Newsletter of the Council on Nutritional Anthropology), Fall-Winter 1995, pp. 4-5.
- 1992 Backstrand JR. Review of the First International Conference on Dietary Assessment Methods, St. Paul, Minnesota." *The Communicator* (Newsletter of the Council on Nutritional Anthropology), Fall-Winter 1992, pp. 7-8.

SESSION ORGANIZER (last 25 years)

- 2002 Pelto GH & Backstrand JR. Organizer of Symposium on *Beliefs, Power and the State of Nutrition: Integrating Social Science Perspectives in Nutrition Interventions*. Experimental Biology '02. New Orleans. April 22, 2002.
- 1997 Backstrand JR & Pelto GH. Organizer of CNA invited session *Integrating Nutrition and Anthropology: Looking to the Future*. The 96th Annual Meeting of the American Anthropological Association, Washington, D.C.
- 1995 Backstrand JR & Schensul J. Organizer of CNA invited session on *Anthropological Perspectives on U.S. Nutrition*. The 94th Annual Meeting of the American Anthropological Association, Washington, D.C.

PERSONAL PRESENTATIONS (last 25 years)

- 2012 Backstrand JR. Seasonality, Ethnicity and U.S. Birth Outcomes: Vitamin D or Memory Bias? School of Public Health, UMDNJ, Piscataway. March 22, 2012.
- 2007 Backstrand JR. "Ethnic disparities in birth outcomes: a role for vitamin D?" Seminar Lecture Series, Department of Nutritional Sciences, Rutgers University, New Brunswick. February 21, 2007.
- 2005 Backstrand JR. "Health status and health issues in the Newark Metropolitan Area." Invited speaker at *Health in the Newark Metropolitan Area: Being Well in the Midst of Opportunities and Challenges*. Joseph C. Cornwall Center for Metropolitan Studies. Rutgers University–Newark. June 22, 2005.
- 2002 Backstrand JR. "*Pulque*, dietary patterns, and iron deficiency in central Mexico." Invited paper presented at the 101st annual meeting of the American Anthropological Association, New Orleans, D.C. November 23, 2002.
- 1999 Backstrand JR, Pelto GH, and Allen LH. "Maternal alcohol intake and child growth and development in rural Mexico." Presented at Experimental Biology '99. Washington D.C. April 20, 1999. *FASEB J* 13: A879.
- 1998 Backstrand JR. "Optimizing growth and development through food fortification." Invited presentation at *Fortifying Children's Foods for Optimal Growth and Development*, a symposium sponsored by the American Health Foundation and the Kellogg Company. New York City, December 3, 1998.
- Backstrand JR. "Anthropology and public health nutrition." Presented to the Anthropology Graduate Student Section of New York Academy of Sciences, March 6, 1998.
- Backstrand JR. "Poor child growth in developing countries." Presented at School of Education Research Colloquium, New York University, March 30, 1998.
- 1997 Backstrand JR. "Anthropology and U.S. public health nutrition: eating in a time of antioxidants and shrinking safety nets." Presented at the 96th annual meeting of the American Anthropological Association, Washington, D.C.
- 1995 Backstrand JR. "Nutrition revisited: should we be thinking about deficiencies again?" Invited presentation, Grand Rounds, Department of Pediatrics, Hartford Hospital, Hartford, CT. March 1995.
- Backstrand JR, LH Allen, GH Pelto & A Chávez. "Dietary and social factors affecting vitamin A and iron intake in rural Mexico." Paper presented at Experimental Biology '95 meetings, Atlanta, GA. April 1995. *FASEB J* 9:A444.
- 1994 Backstrand JR. "Early Feeding and Somatic Development." Invited paper presented at the 36th Nestlé Nutrition Workshop on Long Term Consequences of Early Feeding. Cebu City, Philippines. October 1994.

PERSONAL PRESENTATIONS (last 25 years)

- 1994 Backstrand JR, Allen LH, Pelto GH & Chávez A. "Maternal Characteristics and Infant Size in the Mexico Nutrition CRSP." Poster presented at Experimental Biology Meetings, Anaheim, CA. *FASEB J* 8:A440.
- Backstrand JR, Allen LH, Pelto GH, Molina E & Chávez A. "Assessing Dietary Intake in Rural Third World Settings: Implications of the Mexico Nutrition CRSP" (abstr.) *American Journal of Clinical Nutrition* 59:291S.

GRADUATE STUDENT PRESENTATIONS (last 25 years)

- 2002 Burrowes JD, Dalton S, Backstrand J & Levin N. Characteristics of Maintenance Hemodialysis (MHD) Patients with Different Levels of Nutrition Risk. Presented at Kidney Foundation's Clinical Nephrology Meeting, Chicago, IL, April 2002.
- 1997 Fey-Yensan NL, Capacchione CM & Backstrand JR. "External Validity of a Geriatric Food Behavior Instrument: Scale Scores and their Association with Selected Risk Indicators." Presented at the 80th annual meeting of the American Dietetics Association, Boston, MA. October, 1997.
- 1996 Affenito SG, Rodriquez NR, Backstrand JR, Welch GW & Adams CH. "Relationship of Insulin Misuse to Anthropometric Measures in Females with Insulin-Dependent Diabetes Mellitus (IDDM) and Coexisting Eating Disordered Behaviors." Presented at the annual meeting of the American Diabetes Association, San Francisco, June.
- 1995 Affenito SG, S Vogel, CJ Lammi-Keefe, JR Backstrand, GW Welch & CH Adams. "IDDM and Eating Disorders: Altered Glycemic Control and Lipid Metabolism." Paper presented at Experimental Biology Meetings, Atlanta, GA. April 1995. *FASEB J* 9:A151.
- Chung S & Backstrand JR. "Dietary Change in Korean Immigrants to an Eastern U.S. City." Invited paper presented at the 94th Annual Meeting of the American Anthropological Association, Washington, D.C. November 1995.
- Ebbeling CB, Backstrand JR, & Rodriquez NR. "Absolute and Relative Approaches for Identifying Obese Children Aged 6 to 9 Years." Paper presented at American College of Sports Medicine Meetings. *Official Journal of the American College of Sports Medicine* 27(5): S183.
- Fey-Yensan N & Backstrand JR. "Development and validation of a geriatric food behavior instrument: a process summary." July 1995. Abstracts of the *National Conference of the Society for Nutrition*.
- Fey-Yensan N, Backstrand JR & Ferris AM. "Documenting Food Behavior in Independent-Living Older Adults: Development and Validation of a Self-Administered Instrument." Poster presented at 2nd International Conference on Dietary Assessment, Boston, MA, January 1995. Abstracts of the *Second International Conference on Dietary Assessment*.

GRADUATE STUDENT PRESENTATIONS (last 25 years)(cont.)

- 1994 Luo YJ, Zhang ZJ, Xue H, Kang XH, Ferris AM, Backstrand JR & Pérez-Escamilla R. "Prolonged Breast-feeding is Inversely Associated with Children's Height in Liaong Province, People's Republic of China." Poster presented at Experimental Biology Meetings, Atlanta, GA, April 1995. *FASEB J* 9:A1041.
- Pujda LM, Backstrand JR, Couch SC, Philipson EH, Perez-Escamilla R & Lammi-Keefe CJ. "Differences in Patterns of Weight Gain and Dietary Patterns in Women with and without Gestational Diabetes Mellitus." Paper presented at 21st Maine Biological and Medical Sciences Symposium, Bar Harbor, Maine, June 1995
- 1995 Pujda LM, Backstrand JR, Couch SC, Philipson EH, Perez-Escamilla R & Lammi-Keefe CJ. "Comparison of Dietary Intake Patterns Between Women with Gestational Diabetes and Controls." Paper presented at Annual Meeting of the Connecticut Dietetic Association, May 1995.

OTHER PRESENTATIONS (last 25 years)

- 2016 Valverde, JR, Backstrand, JR, Hills L, MA, and Tanuos H. "Parent Perceived Stress, Sources of Stress and MLP Impact: A Pilot Study." Poster Presentation at 11th Annual Medical-Legal Partnership Summit: Health is a Shared Value, Indianapolis, IN, April 7, 2016.
- 2006 Smith S, Hill S, Sanna S, Knight ML, Weiss SH, Varan J, Tasslimi A, Rosenblum DM, Backstrand J, Parikh PJ. "Utilizing GIS technology to disseminate results of a cancer capacity and needs assessment." Presented at UICC World Cancer Congress, July, Washington D.C.
- 2005 Holtzman JM, Biber CL, Backstrand JR. "Student Decision-making and Practice Locations." Presented at 82nd annual meeting of the American Dental Education Association (ADEA), Baltimore, MD. March 8, 2005.
- 2002 Dolphin AE, Goodman AH, Amarasiriwardena D, Backstrand J. "The Influence of Maternal Diet on Prenatally-Forming Enamel Zinc Concentrations of Children from the Solis Valley, Mexico." Presented at American Association of Physical Anthropologists (AAPA) 71st Annual Meeting, Buffalo, New York. April 10-13, 2002.
- 2002 Goodman AH, Klein R, Dophin A, Cardenas A, Backstrand JR, Amarasiriwardena D, & Reid JB. "Maternal Diets and the Zinc Content of Prenatally Calcified Tooth Enamel of Mexican Children." Paper presented at *Experimental Biology '02*. New Orleans. April 21, 2002.
- Pelto GH & Backstrand JR. "The Interactions of Beliefs and Power in Nutrition Interventions." Invited paper presented at *Experimental Biology '02*. New Orleans. April 22, 2002.

OTHER PRESENTATIONS (last 25 years)

- 2001 Goodman AH, Reid JohnB, Amarasiriwardena D, Dolphin A, Klein R, Outridge P, Cardenas SA, Garrett K, Backstrand J. "Nutrition and geology of the Solis Valley, Mexico: The Influence of Water and Diet on the Zinc Content of Prenatally-formed Tooth Enamel." Paper presented at Annual Meeting of *Geological Society of America*. Boston, MA. Nov 6, 2001
- 1995 Schensul JJ & Backstrand JR. "Bottle-Feeding Puerto Rican Babies: Social and Cultural Factors Favoring the Bottle." Invited paper presented at the 94th Annual Meeting of the *American Anthropological Association*, Washington, D.C. November 1995.