



CHE Faculty / Extension Associates with Research Interests

**Design and Environmental Analysis**

<http://www.human.cornell.edu/dea/index.cfm>

Name/email	Research Interests
Sheila Danko, sd32 Professor Department Chair	Transformational design and leadership interventions that shift out worldwide view, enabling us to expand our sense of self and self in relation to the world.
Jack Elliott, jre15 Associate Professor	"Nature inside" both in a theoretical sense and in a practical sense. In the theoretical domain, interested in those aspects of material culture of the built environment that express a society's set of values as they pertain to the natural world, especially regarding environmental ethics and aesthetics. Currently investigating the idea of a "green aesthetic" where a design's ethical program is expressed in its appearance. In the practical domain, the design project "pull"s technology in a real world context to produce meaningful works. The project prototype is used as a stimulant for design discourse, a conductor for technological developments, and an exemplar for commercial enterprise.
Paul Eshelman, pee2 Professor	Problem-solving nature of the interior design studio
Gary Evans, gwe1 Professor	Aging and Health; Group disparities in development; Poverty; Stress; Health; Inequality's; SES; Environmental psychology; Environmental attitudes; Life course; Cumulative risk.
David Feathers, djf222 Assistant Professor	Three-Dimensional Anthropometry; Biomechanics of Multitouch Displays; Physical Interaction Modeling; Applied Anthropometry for Biometrics; Protective Garments for the Upper Extremity; Applied Anatomy for Design of Products and Spaces.
Kathleen Gibson, kjg4 Associate Professor	Relationship between physical and virtual wayfinding, designing offline space using online navigational data, and interactive exhibitions.
Alan Hedge, ah29 Professor	Indoor air quality and productivity in offices and the ergonomic design of computer mouse design
Ying Hua, yh294 Assistant Professor	Effect of passive strategies on building energy performance, building systems integration, life-cycle analysis of green building strategies, building post-occupant perception and satisfaction, and the impact of workplace spatial layout on interaction behavior and team performance
Joseph Laquatra, jl27 Professor <b>Dept. Extension Leader</b>	Consumer Education Program for Residential Energy Efficiency (CEPREE); Residential Indoor Air Quality; Healthy Indoor Air; Healthy Homes
Lorraine Maxwell, lem3 Associate Professor	Investigate the role of the physical environment in children's and adolescents' behavior, health, and development. Residential settings, school and childcare settings, playgrounds and outdoor settings, museums, and public spaces. Noise and crowding
Mark Pierce, mrp6 Extension Associate	Residential Energy Efficiency; Residential Construction Waste Management; Healthy Living and Learning Environments
Nancy Wells, nmw2 Associate Professor	Studies people's relationship with the built and natural environment through the life course. Cognitive functioning, the influence of neighborhood design on physical activity, and the effects of housing quality on psychological well-being.

CHE Faculty / Extension Associates with Research Interests

**Division of Nutritional Sciences**

<http://www.human.cornell.edu/dns/index.cfm>

<b>Name/email</b>	<b>Research Interests</b>
Richard Canfield, rlc5 Sr. Research Associate	Longitudinal study of the impacts of low-level lead exposure on children's intellectual and neuropsychological development. Longitudinal study of the interacting effects of prenatal methyl mercury exposure and a maternal diet rich in fish oils on children's cognitive development. Longitudinal study of the effects of inner city toxins, such as pesticides and phthalates, on children's cognitive, behavioral, and neuropsychological development.
Patricia Cassano, pac6 Associate Professor	Role of nutrition in lung health
Marie Caudill, mac379 Associate Professor	Investigating the differential effects of two doses of choline intake on metabolic, genomic and physiological endpoints in pregnant and lactating women, subpopulations that may have a high demand for this nutrient.
Carol Devine, cmd10 Professor	Weight Gain Prevention in a Rural Community; Cornell NutritionWorks (CNW)
Jamie Dollahite, jsd13 Associate Professor FNEC Leader	Food and Nutrition Education in Communities (FNEC); Expanded Food and nutrition Education Program (EFNEP) and Food Stamp Nutrition Education; Childhood Obesity Prevention Initiative
Ardyth Gillespie, ahg2 Associate Professor <b>Dept. Extension Leader</b>	Family and Community Food Decision-making; Food Systems, Health, and Well-being
Tisa Hill, tfh3 Extension Associate	Collaboration for Health, Activity, and Nutrition in Children's Environments Project (CHANCE)
Sonya Islam, sni5 Extension Associate	Review of nutrition resources for NYS Extension offices; Quality assurance of nutrition programs in NYS Extension offices; Creation and implementation of trainings utilizing the Norris dialogue approach to learning; and Policy development to guide paraprofessional action in local associations.
David Levitsky, dal4 Professor	The efficacy of a weight monitoring program called Caloric Titration as a means of safely losing and maintaining weight loss.
Charles McCormick, ccm3 Associate Professor	Literature review of topics relevant to teaching and future research activities.
Joann McDermid, jmm585 Assistant Professor	Determinants of disease progression and mortality in HIV-1, HIV-2 and HIV-dual infection; Determinants of tuberculosis susceptibility; Iron metabolism at the host-pathogen interface; Iron redistribution during infection; Iron status assessment; Global health nutrition and dietetics; Nutritional epidemiology, Implementation Research in Point-of-Care Diagnostics for TB.
Kimberly O'Brien, koo4 Professor	Calcium metabolism and bone health; Control of maternal/fetal nutrient. Partitioning and placental mineral transport; Micronutrient status in; International settings; Development of mass spectrometric methodology; Pediatric bone health; Pregnancy and mineral metabolism in adolescents
Christine Olson, cmo3 Professor	Promoting healthy weights in childbearing women and their infants; Center of best practices for obesity prevention in mothers and infants
Joan Paddock, jed36 Sr. Extension Associate	Food and Nutrition Education in communities
David Pelletier, dlp5 Associate Professor	Developing and Operationalizing its nutrition strategy; School Nutrition Standards; Global Nutrition Strategy; Under-nutrition; Whole Community Project
Ling Qi, lq35 Associate Professor	Characterization of physiological unfolded protein response in mammals; Elucidation of the role of inflammatory response in obesity and diabetes

Kathleen Rasmussen, kmr5 Professor	Relationship between maternal nutritional status during the reproductive period and the maternal and child health outcomes.
Michelle Scott-Pierce, mls63 Extension Associate	Coordinate interactions with USDA, Office of Temporary and Disability Assistance and CCE offices within NYS related to collection and management of evaluation data and related databases.
Jeffery Sobal, js57 Professor	Marriage and body weight, Food choice processes, Commensality, Food/Nutrition Systems
Christina Stark, cms11 Sr. Extension Associate	Cornell NutritionWorks
Patrick Stover, pjs13 Professor Department Chair	Regulation of folate-mediated one-carbon metabolism; Metabolic regulation of genome methylation and stability; Folate-genome interactions in colon cancer and developmental anomalies; Nuclear folate metabolism; Mechanisms of folate catabolism.
Jennifer Wilkins, jlw15 Sr. Extension Associate	Professional Development in Creating Successful and Sustainable Farm-to-School Connections; Food Systems, Health and Sustainability; Regional Dietary Guidance; Farmers' Market Nutrition Program; Nutritional difference between local and long-distance transported fruits and vegetables.
Wendy Wolfe, ww16 Research Associate	Collaboration for Health, Activity, and Nutrition I Children's Environment (CHANCE); Preventing childhood obesity; An ecological approach; Food and nutrition education in communities; Cornell NutritionWorks

**Fiber Science & Apparel Design**

<http://www.human.cornell.edu/fsad/index.cfm>

Name/email	Research Interests
Susan Ashdown, spa4 Professor	Sizing and fit of apparel and the use of three-dimensional body scanning in the apparel industry, the crating and testing of apparel sizing systems for target markets based on anthropometric data.
Charlotte Coffman, cwc4 Sr. Extension Associate <b>Dept. Extension Leader</b>	Identify ways of using personal protective equipment to reduce human exposure to pesticides and study pesticide applicator attitudes and practices in regard to protective clothing. Evaluate outreach methodologies for pesticide applicators and firefighters.
Amy Galford, aeg1 Extension Associate	Water quality
Juan Hinestroza, jh433 Associate Professor	Modification of existing textile materials using self-assembly and self-limiting deposition techniques to create novel and customizable surfaces on conventional textiles substrates; Creating of fibers from polymers that do not usually make fibers using directed and external electrical and magnetic fields; Development of mathematical models and metrology tools based on scanning probe microscopy to assess nanoscale phenomena on low energy surfaces and high radius of curvature.
Van Dyke Lewis, vdl4 Associate Professor	The self and fashion; New masculinities; Fashion underground
Anil Netravali, ann2 Professor	Development of fully biodegradable, environment-friendly green composites and nanocomposites using plant based materials; Surface modification of high strength fibers to improve/control their bonding to various resins including nanofibers for high efficiency filters.
S. Kay Obendorf, sko3 Sr. Associate Dean Professor	Evaluate the surface chemistry of fibers and films as related to the performance of materials. Protective clothing and air quality. Address health and safety issues, preservation of the environment, and basic science and technology of polymers and fibers.

CHE Faculty / Extension Associates with Research Interests

**Human Development**

<http://www.human.cornell.edu/hd/index.cfm>

<b>Name/email</b>	<b>Research Interests</b>
Charles Brainerd, cb299 Professor	Law, psychology, and human development; Developmental behavioral neuroscience; Aging and health; Memory development; False memory; Fuzzy-trace theory; Neuroscience of memory
Marianella Casasola, mc272 Associate Professor	Cognitive development; Group disparities in development; Infant cognition; Word learning; Spatial cognition and spatial language
Stephen Ceci, sjc9 Professor	Group disparities in development; Cognitive development; Law, psychology and human development; Child witnesses; Suggestibility; SES; Ethnic achievement gaps; Women in science; Cognitive sex differences
Richard Depue, rad5 Professor	Developmental behavioral neuroscience; Social and personality development; Psychobiology of temperament and personality; Psychobiology of social bonding and extroversion; Affective neuroscience
John Eckenrode, jje1 Professor	Social and personality development; Law, psychology, and human development; Group disparities in development; Child maltreatment; Early intervention; Prevention; Stress
Stephen Hamilton, sfh3 Professor	Social and personality development; Adolescent/youth development and the transition to adulthood, education, employment, civic engagement; Translation research
Cynthia Hazan, ch34 Associate Professor	Social and personality development; Ethological attachment theory; Adult attachment process; Human mating and pair bonding
Tamar Kushnir, tk397 Assistant Professor	Cognitive development; Social and personality development; Causal learning; Social cognition; Conceptual change; Statistical learning; Causal modeling; Computational models of learning; Developmental change
Corinna Loeckenhoff, cel72 Assistant Professor	Aging and health; Aging and the life course; Emotion regulation; Personality traits; Social cognition; Decision-making; Mental health; Physical health
Barbara Lust, bcl4 Professor	Aging and health; Cognitive development; Group disparities in development; Language acquisition; Multilingualism; Cross-linguistic studies
Anthony Ong, ado4 Associate Professor	Aging and health; Stress; Positive emotion; Personality; Cultural psychology
Karl Pillemer, kap6 Professor Director CITRA Director BCTR	Aging and health; Group disparities in development; Life course; Parent-child relations; Long-term care; Translational research; Aging and the life course
Valerie Reyna, vr53 Professor <b>Dept. Extension Leader</b>	Aging and health; Cognitive development; Group disparities in development; Human behavioral neuroscience; Law, psychology and human development; Judgment and decision making; Risk and rationality; False memory; Aging and cognitive impairment; Cognitive neuroscience
Steven Robertson, ssr4 Professor	Developmental behavioral neuroscience; Cognitive development; Infancy; Attention; Motor activity; EEG; Modeling; Dynamical systems; ADHD
Ritch Savin-Williams, rsw36 Professor Department Chair	Social and personality development; Group disparities in development; Adolescence; Youth; Sexuality; Sexual behavior; Gay; Sexual orientation; Identity; Friend; Peers; Young adulthood.
Qi Wang, qw23 Professor	Group disparities in development; Cognitive development; Memory development; Social Cognition; Family socialization; Cultural psychology.
Elaine Wethington, ew20 Professor	Aging and health; Group disparities in development; Aging and the life course; Sociology of mental health; Stress; Social integration and support; Translational research.
Wendy Williams, wmw5 Professor	Cognitive development; Group disparities in development; Law, psychology, and human development; Women in science; Disadvantaged youth; Science learning and achievement; Gap closing; Practical intelligence; Tacit knowledge; Everyday intelligence; Increasing intelligence.

CHE Faculty / Extension Associates with Research Interests

**Policy Analysis and Management**

<http://www.human.cornell.edu/pam/index.cfm>

**Name/email**

**Research Interests**

Rosemary Avery, rja7 Professor Department Chair	NYS child welfare system, particularly foster care experiences of children relinquished for adoption, state adoption recruitment efforts, and the achievement of permanency for adolescents aging out of the foster care system.
Richard Burkhauser, rvb1 Professor	Workers compensation and state and federal anti-discrimination laws impact the decision of firms to provide accommodation to a worker following the onset of a disability.
John Cawley, jhc38 Professor	Economic and consequences of obesity
Rachel Dunifon, red26 Associate Professor <b>Dept. Extension Leader</b>	Group disparities in development; Social and personality development; Parenting education
R. Richard Geddes, rrg24 Associate Professor	Private investment in the renovation and construction of transportation infrastructure
Donald Kenkel, dsk10 Professor	Studies of the economics of smoking, the impact of cigarettes and food advertising, and direct-to-consumer advertising of pharmaceutical products
Kimberly Kopko, kak33 Senior Extension Associate	Examining the well-being of youth (aged 12-18) being raised by grandparent(s). Nature and quality of the relationship between youth and their custodial grandparents, with focus on aspects such as warmth, monitoring, closeness and support; identifying factors that are sources of resilience as youth being raised by grandparents traverse through adolescence; and identifying sources of adolescent risk.
Daniel Lichter, dtl28 Director, Cornell Population Center	Population and public policy, including studies of concentrated poverty and inequality, intermarriage, cohabitation and marriage among disadvantaged women, and immigrant incorporation.
Michael Lovenheim, mfl55 Assistant Professor	Public finance and labor economics
Alan Mathios, adm5 Dean, College of Human Ecology	Effect of government regulation of information dissemination on consumer welfare. Impact of private sector advertising of smoking cessation products, public service anti-tobacco advertising and cigarette advertising on smoking behavior.
Jordan Matsudaira, jdm296 Assistant Professor	Labor economist
Kelly Musick, musick Associate Professor	Changes in marriage, cohabitation, and childbearing and their implications for adults, children, and processes of social stratification.
Sean Nicholson, sn243 Professor	The value of new medical technologies; the benefits of physician specialization; effect of financial incentives on physicians' treatment decisions; and the cause of autism
Emily Owens, ego5 Associate Professor	Economics of crime includes examining the impact of sentence length on criminal recidivism using prospect theory, to measure how severe convicted individuals perceive their punishment to be.
Andrea Parrot, ap30 Professor	Women's issues cross culturally, in particular the impact of HIV/AIDS policies on women, women's rights, and violence against women.
Sharon Sassler, ss589 Professor	Social and personality development; Group disparities in development; Young adult transitions; Poverty; Relationship development; Family policy; Racial and ethnic disparities
Sharon Tennyson, sharon.tennyson Professor	Design and impact of consumer protection regulations in insurance markets; insurance bad faith liability; automobile insurance regulation; consumers' use of information in insurance and prescription drug markets; law and economics of women's rights.
William Trochim, wmt1 Professor	Aging and health; Evaluation; Research methods; Policy analysis and management; Planning methods; Experimental and quasi-experimental design; Qualitative and quantitative methods;

Conceptualization; Concept mapping; Philosophy and sciences of science; Translational research

Maureen Waller, mrw37  
Associate Professor

How unmarried parents in low-income communities understand the meaning of fatherhood and marriage in their lives and how their interpretations guide decisions about parenting and intimate unions.

William White, wdw8  
Professor

Health economics; growth and impact of managed care in hospital and physician markets, the design of the healthcare reimbursement systems, healthcare antitrust, and health insurance reform.

<b>Name/email</b>	<b>Research Interests</b>
Jutta Dotterweich, jd81 Extension Associate	ACT for Youth
Thomas Endres, te24 Extension Associate	Residential Child Care Project
Cindy Enroth, cme4 Extension Associate	Director - Family Advocacy Project; Military Projects
Mary Agnes Hamilton, mah15 Sr. Research Associate	Director – Cornell Youth in Society
Martha Holden, mjh19 Sr. Extension Associate	Director – Residential Child Care Project
Brian Leidy, bl15 Sr. Extension Associate	Director – Military Projects
Mary Lu McPheron, mam30 Sr. Extension Associate	Military Projects
Michael Nunno, man2 Sr. Extension Associate	Residential Child Care Project
Jane Powers, jlp5 Sr. Extension Associate	Director - Assets Coming Together (ACT) for Youth Center of Excellence
Jennifer Tiffany, jst5 Director of Outreach and Community Engagement	Talking with Kids about HIV/AIDS – Parent Education Project; ACT for Youth Upstate Center of Excellence
Janis Whitlock, jlw43	Director – Cornell Research Program on Self-injurious Behavior

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