

Sumedha Gupta Ariely
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CV

Work Address

Duke Global Health Institute
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Education

Ph.D., Psychology (Cognitive Development), UNC Chapel Hill, 1998
BA Psychology with a concentration in Chemistry, NCSU, 1990

Teaching and Academic Positions

Present Assistant Professor of the Practice, Duke University
2005-2007 Scholar, Institute for Advanced Studies, Princeton NJ
2004-2005 Lecturer, *Developmental Psychology, Psychology and Technology*, MIT
2004-2005 Faculty advisor, MBA social entrepreneurship consulting Projects, MIT

Other Selected Professional Service

2012-Present Global Health Majors Committee, MSc Application reviewer, DukeEngage Application Reviewer, SRT Workshop Instructor
2014-Present Library Council member
2008-2010 Chair, Duke Global Health Fieldwork Grants Committee
2008-2009 DukeEngage fieldwork preparation committee, Duke University
2001-2004 Proposal Reviewer, Annual Symposium of the Jean Piaget Society (topic area: Language, Cognition, and Culture)
1995-1997 Editorial Associate for *Culture and Psychology*, London: Sage Publications, Ltd.
1992 Trainer Peace Corps Health Program, Niger West-Africa
1990-1992 Peace Corps Health Volunteer Niger Africa

Courses Taught

Global Health Ethics, GLHLTH 373S(service learning): Duke University
Research Methods in GH, GHLTH 371/Psych 309: Duke University
Hacking for Health, GLHLTH90FCS/Psych 93FCS: Focus Program MESS cluster, Duke U.
Ethics in GH, Duke-PKU Diploma, Beijing
Interventions in GH, GHLTH 160/Psych 109E: Duke University
Developmental Psychology, Graduate Seminar: MIT Media Lab
Psychology and Technology: MIT, Sloan
Introduction to Psychology, UNC-Chapel Hill
Developmental Psychology: UNC-Chapel Hill

Thesis Advising

Present and Future Possibilities of a New Distance-Learning Advanced Degree Program for Promoting Workforce Sustainability of Nurse Anesthetists in Ghana (Jenny Jingwei Li, Undergraduate Thesis, Chair, 2016)

Analyzing the Connections Among Water Access, Sanitation, Malaria and Diarrhea Outcomes in Rural Central Uganda (Michael Hu, Undergraduate Thesis, Chair, 2016)

Evaluating The Relationship Between Physical Health, Mental Health, & Academic Performance In An OSC Population In Delhi (Parth Chodovadia, Undergraduate Thesis, Chair, 2016)

The Ecology of Resilience: Indicators and Predictors of Psychological Health in Disadvantaged Lebanese Youth (Noura Elsayed, Undergraduate Thesis, committee member, 2016)

Is Alternative Rite of Passage the Key to Abandonment of Female Genital Cutting? A case study of the Samburu of Kenya (Nashipai Mepukori, Undergraduate Thesis, committee member, 2016)

Dietary Patterns, Nutritional Status, Prevalence and Risk Factors for Anemia among School Children in Naama Community, Uganda (Yi Zhou, MSc Thesis, Chair, 2015)

Assessing the Burden of Maternal and Child Malnutrition, Anemia, Malaria, and Helminth Infection in Rural Central Uganda (Sammie Truong, Undergraduate Thesis, Chair, 2015)

Polycyclic Aromatic Hydrocarbon-Containing Creosote Sediment Extract Increases Proliferation of Breast Cancer Cells (John Davis, Undergraduate Thesis, committee member, 2015)

Predicting the Who, What and How Much of Transactional Sex: A Study of Patrons of Alcohol-Serving Venues in a Cape Town Township (Lillie Reed, Undergraduate Thesis, committee member, 2014)

Global Health Field Service and Research

- Maternal Perception and Use of formal health systems and relation to neo-natal complications (2016)
- Family planning, Knowledge, Attitudes and Options (Uganda, 2014 and 2016)
- Cognitive Growth, Nutrition and Development (Uganda, 2015)
- Distance education development, assessment and impact in Nurse Anesthetists (2014-present)
- Nutrition, Disease and Physical Development (Uganda, 2013-present)
- Water, sanitation and health community assessment and interventions (Uganda, 2014-present)
- Assessment of mental and physical health of OVC in a home-based residential care model in Delhi, India (India 2014-present)
- Community Health Assessment of Cardiovascular disease and associated risks in set of rural villages in central region 1, Uganda (Uganda 2014-present)
- Severity and Burden of Anemia, Helminths, and Malaria in children and pregnant women in Naama Uganda (Uganda 2013)
- Water sources, treatment and usage practices after construction of borehole and relation to diarrheal cases as assessed by clinic medical records (Kenya, 2012)
- Assessment of feminine sanitary practices and barriers to use in women and young girls in Naama (Uganda, 2012)
- Adaptation and Piloting of Cognitive Assessment Tools for Kunya Village (Kenya, 2012)
- Perceptions and Impact of HIV related Stigma in Addis Ababa (Ethiopia 2012)

- Stillbirths and Neonatal Mortality in Project villages of the comprehensive Rural health Project (Jamkhed India 2012)
- Challenges of Health Education: Social Barriers to Contraceptive Use: A Study of Health, Sex and Gender in Rural Honduras (Honduras 2011)
- Presence and Causes of Malnutrition in Children in Kunya Village (Kenya, 2011)
- Understanding prevalence and behavioral indices of NTDs and assisting in on-going eradication efforts (Addis Ababa Ethiopia, 2010)
- Providing Health Information and Educational Resources in Honduras (Honduras, 2010)
- Cancer awareness, smoking and effectiveness of pictures vs. facts (Calcutta India, 2009)
- Point of Use Interventions for Safer Drinking Water in Thomassique, Haiti (Haiti, 2009)
- Harm Reduction Program Among Injected Drug Users and Sex Workers in Montenegro (Montenegro, 2008)
- CVD disease education, patient support, and lifestyle interventions (NC USA, 2008)

Fieldwork Mentoring/Training IS Work (2016):

- Nathan Lam (Water sanitation education and pilot intervention)
- Brooke Whitfield and Noelani Ho (Nutrition and Growth)
- Kathryn Benson (CVD patterns and change in rural vs. urban workers)
- Sri Sridharan (Depression and Mental Health across 11 residential homes in Delhi)
- Anna Bensley (Caregiver mental health in relation to OSCs)
- Deepthi Nacharaju (Self concept and attachment in OSCs)
- Jin Huh (Alumni and Aftercare needs and support, qualitative assessment across 40 transitioning young adults)
- Gloria Zhang, Lanre Adisa, Derek Shu, Meade Inglis (Distance education)
- Gloria Zhang, Lanre Adisa, Derek Shu, Meade Inglis (Maternal clinic perception and use)
- Chaarushi Ahuja (Gender and self-concept)
- Jason Sato (CVD rates and patterns of change in rural sample)
- Nona Kiknadze, John Lu, Phil Reinhart (Education and Treatment Campaign for Schistosomiasis).

Honors and Awards

2013	Duke University, Global Health Institute, Best in Teaching Award
2010	DukeEngage Excellence in Mentorship Award
2003	PSC-Edgerton Center Team, MIT Excellence Award
1995	Social Science Research Council Pre-Dissertation Research Fellowship Award
1993	University of North Carolina at Chapel Hill Research Fellowship Award
1990	North Carolina State University Psychology Research Award

Research or Service Grant proposals submitted/Completed

BASS Connections in GH.

09/2014-06/2016

Title: Further developing the implementation of a distance-based executive style degree completion program for Ghanaian nurse anesthetists

The goal of the project is to utilize innovative technology and an executive training model to assist practicing anesthetists in completing their degree, allowing for a continuity of care in the community and opportunities to train additional nurses to administer anesthesia.

Role: Co-investigator

Title: Following children from institutions into communities; predictors of protective and adverse effects
 The goal of this study is to investigate the changes that occur in physical and mental well being as children leave institutional care and enter other placement options, and to identify associations between child characteristics, history, and caregiver/environment characteristics that are predictive of positive and negative outcomes.
 Role: PI

Selected Field-Work Papers, Posters, Talks

- Akhtar, M., & Ariely, S (In Progress). Attachment, Culture, and Gender. Book Chapter in upcoming edited volume on Attachment Theory, (Ed. Burton Seidler).
- Gray, C.L., Ariely, S., Pence, B.W., Whetten, K. (In Progress). Why institutions matter: Empirical data from 5 low- and middle-income countries indicate the critical role of institutions for orphans. In Rus, A.V., Parris, S.R., and Stativa, E. (eds). *Child Abuse and Neglect in Orphanages: History, Research, and Current Implications*. Springer.
- Modi, K., Akhtar, M Ariely, S., & Gupta, D. (2016). Addressing Challenges of Transition from Children's Home to Independence: Udayan Care's Udayan Ghars (Sunshine Children's Homes) & Aftercare Programme. *Scottish Journal of Residential Child Care* 2016 – Vol.15, No.1
- Ahuja C, Chodavadia P, Kinger K, Levy J, Ariely, S.G. (2016). "Two Year Assessment of Mental and Physical Health of OVCs in a Residential Care Organization: Duke SRTP India Report" *Institutionalised Children: Explorations and Beyond*
- Whetten K; Ostermann J; Pence BW; Whetten RA; Messer LC; Ariely S; O'Donnell K; Wasonga AI; Vann V; Itemba D; Eticha M; Madan I; Thielman NM (2014). Three-year change in the wellbeing of orphaned and separated children in institutional and family-based care settings in five low- and middle-income countries. *PLoS ONE* 9(8): e104872. doi:10.1371/journal.pone.0104872
- Moxley, C., McKelway, M., Truong, S., Nakafeero, R., Kigongo, C., & Ariely, S. (2014). A path to sustainable treatments for orphaned and vulnerable children: lessons from community-based efforts in Uganda. *Institutionalized Children Explorations and Beyond*, Vol 1 (2), 193-203.

Posters and Talks

- Ariely, S., 'Fieldwork and Methods Development'. Webinar. Asian University for Women (AUW), Public Health Studies, Chittagong, Bangladesh. March 14, 2016.
- Ariely, S., 'Child Development and Mental Health'. Invited Talk for the 2nd biennial international conference, 'Improving Standards of Care for Alternative Child & Youth Care: Systems, Policies and Practices', Delhi, India, (March 18-19, 2016)
- Ahuja, C., Chodavadia, P., Kinger, K., Levy, J., & Ariely, S. (2015). *Self-Concept in OVC Populations in New Delhi, India*. Global Health Maternal Child Health Conference Poster Session, Duke University.
- Morgan, B., Ariely, S., & Anabah, T. Pioneering the Growth of Anesthesia Capacity in Ghana: A Bass Connections Global Health Project. BASS, DGHI, and DSON Presentation. October 26, 2015.
- Modi, K., Akhtar, M., Ariely, S., & Gupta, D. (2015). Addressing Challenges of Transition from Children's Home to Independence: Udayan Care's Udayan Ghars (Sunshine Children's Homes) & Aftercare Program. Research Paper Presentation at ISPCAN Asia Pacific Regional Conference on Child Abuse and Neglect, 25-28 October, 2015