

The Population Council's fellowship programs have helped advance the careers of social and biomedical scientists, public health researchers, and program managers throughout the world. The work of Council fellows has fostered research and informed the creation of population, health, and development policies and programs. We thank The Fred H. Bixby Foundation for a generous \$5 million grant that will enable the Council to offer fellowships to young professionals, primarily from developing countries, and prepare them for leadership in the population, health, and development fields. Other fellowships include: in India, fellowships to develop leadership skills of individuals working in reproductive health and sexual rights, especially in areas related to young people and to maternal mortality and morbidity; in Pakistan, small-scale grants for research projects in reproductive health that have direct practical relevance to the needs of Pakistan; in Sudan, small grants for individual capacity-building; and in Vietnam, a postdoctoral fellowship program to facilitate research on reproductive health, health service systems, and poverty.

BIOMEDICAL FELLOWS

Fellows conduct research at the Center for Biomedical Research. Institutions listed are those with which fellows were affiliated before joining the Council.

Australia

Gavin Morrow. Postdoctoral fellow, University of Sydney, Westmead Millennium Institute. Innate dendritic cell and regulatory T cell responses in macaque mucosal tissues and their involvement in immunodeficiency virus infection.

Stuart Turville. Postdoctoral fellow, University of Sydney, Westmead Millennium Institute. HIV infection of dendritic cells, dendritic cell-driven dissemination of virus to T cells, and prevention of mucosal infection through microbicides.

China

Bing-bing Chen. Postdoctoral fellow, Wenzhou Medical College. Studies of the molecular mechanisms of stress-induced male reproductive dysfunction.

Lei Dong. Postdoctoral fellow, Wenzhou Medical College. Studies of stem Leydig cell biology.

Yong-Guang Gong. Postdoctoral fellow, Nanjing Medical University. Studies of stem Leydig cell aging.

Michelle Li. Predoctoral fellow, University of Hong Kong. Biology and regulation gap junction and desmosome-like junction in germ cell adhesion and blood-testis barrier dynamics in testes from adult rats following exposure to adjuvins and/or environmental toxicants.

Xingwang Li. Postdoctoral fellow, Wenzhou Medical College. Studies of the molecular mechanisms of Leydig cell dysfunction after exposure to phthalate ester, an environmental toxicant.

Pearl Lie. Predoctoral fellow, University of Hong Kong. Functional significance of desmosome-like junction in the testis with emphasis on its role on blood-testis barrier dynamics and cell adhesion.

Han Lin. Postdoctoral fellow, Wenzhou Medical College. Studies of the molecular mechanisms of Leydig cell dysfunction after exposure to phthalate ester, an environmental toxicant.

Kit-ling Sze. Predoctoral fellow, University of Hong Kong. How focal adhesion kinase and c-Src non-receptor protein tyrosine kinases regulate blood-testis barrier dynamics.

Qiufan Wang. Predoctoral fellow, Department of Zoology, University of Hong Kong. Biology and regulation of the coxsackie and adenovirus receptor (CAR) at the Sertoli and germ cell surface and its role in germ cell movement during spermatogenesis.

Elissa Wong. Predoctoral fellow, Department of Zoology, University of Hong Kong. Determining whether the polarity protein complexes regulate apical ectoplasmic specialization and blood-testis barrier dynamics beyond their traditional role to confer cell polarity. Prepare recombinant FSH mutant protein and mutant FSH-occludin peptide conjugate in *E. coli*.

Helen Yan. Predoctoral fellow, Department of Zoology, University of Hong Kong. Studies of an autocrine regulatory loop in the seminiferous epithelium known as the "apical ectoplasmic specialization–blood-testis-barrier–hemidesmosome axis" that coordinates the events of spermiation and blood-testis barrier restructuring during spermatogenesis.

Yunhui Zhang. Postdoctoral fellow, Fudan University. Studies of the molecular mechanisms of Leydig cell dysfunction after exposure to phthalate ester, an environmental toxicant (Fred H. Bixby fellow).

England

Onome Akpogheneta. Postdoctoral fellow, London School of Hygiene and Tropical Medicine and the Medical Research Council. HSV-2-mediated enhancement of HIV infection and prevention of mucosal HIV spread in co-infected settings.

France

Laurence Vachot. Postdoctoral fellow, University of Lyon. Innate immune responses of dendritic cells to HIV and *Candida albicans*.

Germany

Susanna Trapp. Postdoctoral fellow, University of Erlangen. Cellular and molecular mechanisms of virus modulation of dendritic cell function that drive HIV infection over immune activation.

Greece

Panagiotis Vagenas. Postdoctoral fellow, Imperial College London. Modulation of mucosal dendritic cells to boost preventative and therapeutic vaccine efficacy.

India

Pramod Kumar. Postdoctoral fellow, University of Nagpur, Nagpur, India. Study of the pharmacological effects of the synthetic androgen MENT® on kidney and male reproductive tract in rats and mice.

Italy

Federica Crostarosa. Postdoctoral fellow, Università degli Studi di Roma–La Sapienza. Impact of co-pathogens on immunity to immunodeficiency virus infection and the efficacy of microbicides.

United States

Petrice Brown. Postdoctoral fellow, School of Molecular Biosciences, Washington State University. Genetics of human male infertility.

Nina Derby. Postdoctoral fellow, University of Washington. Cellular and molecular mechanisms of facilitating dendritic cell-driven infection with HIV and prevention of mucosal infection.

INTERNATIONAL PROGRAMS FELLOWS

Africa

Kenya

Francis Onyango, Postdoctoral fellow. Teenage sexual and reproductive health behavior in the era of HIV/AIDS in sub-Saharan Africa: The role of voluntary counseling and testing (VCT), Population Council, Nairobi (Fred H. Bixby Fellow).

Sudan

Small grants to build capacity to undertake and utilize policy-relevant research in Sudan

Mohamed Saeed Abdallah, Khartoum. Determinants of poverty in North Kordofan State.

Raga Idreis Abdoon, Khartoum. Attitudes of international displaced persons toward integration and repatriation.

Amani Mohamed El Khatim, Khartoum. Psychosocial implications of vesico-vaginal fistula.

Noha Mohamed Gibreel, Khartoum. Assessment of nurse midwife performance according to the skilled birth attendant standards, Khartoum State.

Ahmed Mohamed Mahmoud, Khartoum. Assessment of iman's knowledge of and attitude toward HIV/AIDS in Khartoum State.

Nazar Mohamed Masha, Dalang. Factors influencing sustainability of peace-building in Southern Kordofan State.

Majmou Obeid Thabit, Khartoum. Site selection of waste disposal in Khartoum State.

Hager Osman El Jack, Khartoum. Determinants of infant and child mortality in areas with displaced persons.

Amel Salih Awad Salih, Khartoum. Acceptability of opt-out versus opt-in HIV voluntary testing strategy among pregnant women in two hospitals in Khartoum State.

THE AMERICAS

United States

Headquarters

S. Chandrasekhar, Postdoctoral fellow. Indira Gandhi Institute of Development Research, Mumbai, India. Looking beyond univariate measures of urban poverty, Population Council, New York (Fred H. Bixby Fellow).

Asia

India

The following India fellows are supported under the Health and Population Innovation Fellowship program.

Anjali Bhaskar Borhade, Nasik. Addressing sexual and reproductive health for unorganized seasonal migrant adolescents, women, and youth.

Paramita Chaudhuri, Kolkatta. Understanding sexual harassment in the health sector.

Nasiruddin Haider Khan, Lucknow.

Challenging myths and misconceptions: Communicating women's rights in Islam.

Saritha Nair, Mumbai. Developing positive partnerships: Pathway to better maternal health.

Archana Oinam, Manipur. Exploring the links between drug use and sexual risk practices among young female injecting drug users in Manipur.

Vani Periodi, Dakshin Kannada. Empowering young men and women to become sensitive partners and responsible parents.

Rajalakshmi, Chennai. Informed consent in reproductive health services: Research on women's access to public and private health care institutions in Chennai.

Ketki Ranade, Pune. Understanding health/mental health needs of lesbian, gay, and bisexual individuals.

Sarit Kumar Rout, Bhubaneswar. Patterns of State's spending on health care with reference to coastal and tribal districts of Orissa, focusing on reproductive and child health.

Harish Sadani, Mumbai. Yuva Maitri: Involving young men in matters of gender and sexuality.

Dipa Sinha, Secunderabad. Safe motherhood through community mobilization.

B. Subha Sri, Chennai. Translating medical evidence into practice—Community-based strategies to reduce postpartum hemorrhage.

Rachna Sujay, Gujarat. Youth culture: Sexual norms and behaviors of college students in Gujarat.

Akhila Vasan, Bangalore. Understanding visual media and young people's gender and sexuality attitudes and behavior in a peri-urban site in South India.

Maryann Washington, Bangalore. Training modules for nursing students: Sexuality and gender.

Pakistan

Small-scale research projects in reproductive health in Pakistan

Rehana Ahmed, Karachi. Role of oral iron supplementation in preventing anemia in women of childbearing age.

Tazeen Saeed Ali, Karachi. Menstrual practices and related misconceptions among adolescent females in Karachi.

Saima Bashir, Islamabad. Improving awareness of reproductive health issues among youth in Pakistan.

Mufiza Farid, Karachi. Physical and non-physical spousal abuse and other risk factors for low birth weight: A case-control study.

Zehra Kamal, Islamabad. Parents' views on educating adolescents about sexual and reproductive health.

Mian Asghar Khan, Peshawar. Household survey on reproductive health in the Federally Administered Tribal Area.

Mohsin Saeed Khan, Rawalpindi. Sexually transmitted infections among female sex workers in Lahore.

Daud Munir, Islamabad. Reproductive health issues of adolescents displaced by the earthquake in Pakistan.

Fauzia Haq Nawaz, Karachi. Evaluation of human papillomavirus testing, as an addition to pap smears in primary screening for cervical cancer.

Aneeta Pasha, Karachi. Exploring values and attitudes: Mothers, daughters, and sexuality education.

Kanwal Qayyum, Lahore. Knowledge of reproductive health among female college students in Lahore.

Sameera Ali Rizvi, Karachi. Factors determining the age of onset of menopause: A cross-sectional study.

Taranum Sultana, Karachi. Association of mitochondrial DNA haplogroup M with sperm motility in Pakistani males visiting infertility clinic.

Miriam Zahid, Lahore. Assessing awareness of reproductive health among young people in Lahore.

Vietnam

Vietnam Postdoctoral Social Science Research Fellowship and Capacity-Building Program

Duong Bich Hanh, Hanoi

Bussarawan Teerawichitchainan, Hanoi