Epidemiology and Biostatistics of Aging
Training Program in the Epidemiology and Biostatistics of Aging

- Study of the distribution and determinants of diseases and health problems in populations
- Development and application of statistical methods (for research design, data analysis, and interpretation) for studies in public health and medicine
Federally-funded **training grant** that supports 8 doctoral students and 2 postdoctoral fellows

Currently in its 25th year; renewal pending

Brings together trainees and faculty from multiple departments **to foster rigorous cross-disciplinary methodological training focused on aging**-related physical and mental health topics
EBA Program Benefits for Trainees

- Recognition as NIH-funded trainee
- Stipend, in addition to tuition support
- Engagement with leaders in the field and established data sets
- Community of faculty and students committed to methodology and aging research
In recent years, Dr. Russell Shinohara (former Biostatistics trainee) received two R01s and R21, all addressing neuroimaging data analysis. The most recent R01 is his third since completing the EBA program in 2012. Dr. Shinohara was also named Director of the Penn Statistics in Imaging and Visualization Center.
Dr. Jennifer Schrack (former Epidemiology trainee and a current Co-Director for the program) received a U01 and a R21 award, both addressing energy and activity among older adults. She also received a R01 grant as Co-PI with Drs. Lin and Agrawal, on sensorimotor function and Alzheimer’s disease.

Three former trainees received R01 awards in recent years: Drs. Eckel, Godino, Engelman.
- Drs. Bonnie Swenor and Jennifer Deal (both former Epidemiology trainees) jointly received a R21 grant.

- Five former trainees received K awards in recent years: Drs. Deal, Swenor, Samuel, Turnbull, and Chu.

- Dr. Amal Wanigatunga (former postdoctoral fellow) received P30 Pilot grants from the Older Americans Independence Center and the Alzheimer's Disease Resource Center for Minority Aging Research at JHU.
Dr. Michelle Shardell (former Biostatistics trainee) was promoted to Professor in the Department of Epidemiology and Public Health at the University of Maryland School of Medicine.

Drs. Manichaikul, Eckel, James, McCall, Schrack, and Swenor were promoted to Associate Professor at their respective institutions.
The program promoted strong interactions between epidemiologists, sociologists, psychologists, geriatricians, and statisticians, all working on problems of aging. Scientists representing these diverse disciplines were all literally sitting at the same table. This instilled in me a holistic way of looking at aging problems.

Former Epidemiology and Biostatistics of Aging Fellow
Dr. Ravi Varadhan
Thank you for viewing this presentation.

For more information, contact:

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