

**WELCH CENTER FOR PREVENTION,
EPIDEMIOLOGY AND CLINICAL RESEARCH**

ANNUAL REPORT

JULY 1, 2007 - JUNE 30, 2008

THE JOHNS HOPKINS MEDICAL INSTITUTIONS

**THE JOHNS HOPKINS SCHOOL OF MEDICINE
THE JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH**

www.jhsph.edu/welchcenter

**WELCH CENTER
ANNUAL REPORT, 2007-2008**

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MESSAGE FROM THE DIRECTOR

I am pleased to summarize the progress of the Welch Center in my eleventh stimulating year as Director. The Welch Center, in its 20th year, continues to thrive with landmark scholarship and remarkable intellectual rigor. The award-winning faculty and staff continue to embrace core values of collaboration and team building both within and outside the center, creativity and new ideas, mentoring and development, opportunities for leadership, and patient and public health impact.

Our annual funding levels of \$19.3 million direct costs and well over \$25 million in total costs are remarkable in today's competitive NIH funding climate. This level exceeds that of some departments in our university and many departments in other universities, a testament to the multidisciplinary environment and collaboration we have cultivated over the past several years. The publication productivity of our faculty is outstanding. On average each faculty member publishes five to six manuscripts per year, many of which appear in journals with high impact factors, bearing in mind the limitations of such standards of research quality. In this report, you will also observe the faculty's dissemination of scholarship in over 97 presentations and invited lectures (domestically and abroad), and their influence in editorial activities and on international, national and regional committees.

Our crosscutting scholarship continues in several thematic areas including patient-oriented research, genetic and molecular epidemiology, outcomes research, lifestyle interventions and health behaviors, patient-physician communication and health and healthcare disparities. Through fundamental work we seek scientific solutions to prevent and better manage cardiovascular disease, kidney disease, diabetes and obesity, mental health and substance abuse disorders, and their related consequences. These themes are exemplified in 17 newly funded projects started in 2007-2008: 1) Dr. Anderson's studies on the effects of dietary sodium and potassium intake on subclinical and clinical cardiovascular disease and 2) tests of a unique biomarker for high fructose corn syrup and 3) for intake of sweets, 4) Dr. Astor's integrated epidemiologic and toxicologic cardiovascular study, 5) Dr. Boulware's study of information and financial interventions for kidney donation in African Americans, 6) Dr. Brancati's patient-oriented research in type 2 diabetes and 7) his study of the epidemiology and prevention of type 2 diabetes and its complications, 8) Dr. Cooper's study of quality of decision-making communication and outcomes of care for African Americans with depression, 9) Dr. Daumit's randomized trial of achieving healthy lifestyles in psychiatric rehabilitation, 10) Ms. Fink's data coordinating centers for the study of childhood development after cochlear implant and for 11) the study of bilateral cochlear implants, 12) Dr. Furth's mid-career investigator award in patient-oriented research in pediatric kidney disease, 13) Dr. Guallar's work with the Spanish National Center for Cardiovascular Investigation, 14) Dr. Klag's longitudinal study of dialysis, 15) Dr. Parekh's study of the mineralization and cardiovascular disease risk in an incident dialysis cohort, 16) Dr. Powe's sample frame for the HANDLS Study in the Baltimore area and 17) Dr. Selvin's study defining the clinical significance of hba1c prior to the onset of diabetes.

We play a major role in developing and training the future generations of clinical and translational researchers across Johns Hopkins, and for other institutions who hire our trainees to do important work in advancing science and the frontiers of clinical investigation. This is admirable work by our faculty in promoting trainees' development, often over their own. I believe it is a key element in neutralizing destructive forces leading to the decline of physician scientists in the U.S. Having successful and dedicated mentors who are truly engaged in their trainees' welfare must impact the experiences and future success of our trainees. Our faculty members also remain cornerstones in the School of Medicine and School of Public Health curriculum. In over 85 venues, they reach hundreds of students, teaching scientific principles, methods and tools of population-based medicine that unify medicine and public health.

We invite you to join us in any of our activities, particularly Clinical Research Grand Rounds (each Wednesday during the academic year), our seminars and our interest groups. Many new collaborations and projects have been jumpstarted through creative energy sparked by exchanges of scientific passions at the Center. Your scientific breakthrough could be next.

Neil R. Powe, MD, MPH, MBA
Director

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EXECUTIVE SUMMARY

Annual Report Section	Summary
Faculty	<p>30 Faculty Members (as of 6/30/08)</p> <p style="margin-left: 100px;">8 Professors 8 Associate Professors 11 Assistant Professors 1 Senior Scientist 1 Associate Scientist 1 Research Associate</p>
Sponsored Projects	<p>Core faculty members are principal or co-principal investigators on 73 projects</p> <ul style="list-style-type: none"> ~ 66% federally funded 17 new in FY07-08 ~ \$ 19,300,000 direct costs in FY07-08
Publications	<p>163 Peer-reviewed manuscripts</p> <ul style="list-style-type: none"> - 15 in "Highest Impact" Journals - 38 in "Higher Impact" journals
Presentations	<p>97 Presentations and invited lectures</p> <ul style="list-style-type: none"> - 78 presented in the U.S. - 19 presented abroad
Awards and Recognition	<p>18 Awards granted and achievements recognized</p>
Teaching	<p>Directed or co-directed: 24 courses (18 SPH; 6 SOM)</p> <p>Taught in: 61 additional courses (36 SPH; 24 SOM; 1 SON)</p>
Trainees	<p>116 Trainees (with a Welch Center <i>primary</i> mentor)</p> <ul style="list-style-type: none"> - 44 Doctoral students - 71 Master's students and/or post-doctoral fellows - 1 Other
Committees	<p>151 International/National/Regional Committee Memberships</p>
Editorial Activities	<p>27 Appointments</p> <ul style="list-style-type: none"> - 1 Editor-in-Chief - 9 Associate Editorships - 1 Editorial Consultant - 16 Editorial Board Memberships

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MISSION STATEMENT AND CORE VALUES

Mission Statement

The primary mission of the Welch Center for Prevention, Epidemiology, and Clinical Research is to generate and disseminate the knowledge required to prevent disease and its consequences and to promote the health of the public. To meet this challenge, the faculty of the Welch Center integrates clinical expertise with comprehensive knowledge of epidemiologic methods.

The Welch Center harnesses the talents of a group of faculty, staff, and students dedicated to disease prevention, health promotion, and evidence-based health practices. The Center's work has three hallmarks. First, it is focused on diseases and conditions that impose a substantial burden on the health and resources of the public. Second, it employs the full range of research methodology, including observational epidemiology, randomized controlled trials and effectiveness, and outcomes research. Third, because biologic, environmental, and clinical factors interact in causing illness and disability, the work is fundamentally interdisciplinary, relying on active collaboration among faculty members from the Schools of Medicine, Public Health, and Nursing.

To accomplish its mission, the Welch Center has the following specific aims:

- Develop an understanding of the etiology of disease and its consequences in populations;
- Evaluate and improve strategies for primary prevention, secondary prevention, and disease management with regard to efficacy, effectiveness, and efficiency;
- Translate epidemiologic discoveries into clinical practice and public health policy;
- Train future leaders in clinical epidemiology, disease prevention, health promotion, and clinical research.

Since it was established in 1989, the Welch Center has been engaged in multidisciplinary clinical and translational research intended to strengthen the practice of medicine, striving for academic excellence in rigorous, evidence-based research that has an impact on patients as well as public health. Symbolic of this intersection between clinical and population-based research, the Center is named after William Henry Welch, the first and only Johns Hopkins Professor to hold positions of Dean of the School of Medicine and Dean of the School of Public Health. Reflecting Dr. Welch's ability to bridge the disciplines of medicine and public health, the faculty and staff of the Center come from both schools and work closely together in a geographically unified location. The Welch Center is also responsible for training of Johns Hopkins medical students, public health students, house staff, fellows and junior faculty in epidemiologic and biostatistical methods for clinical and translational research.

Core Values

The Welch Center's core values guide the work of our faculty and staff, as they strive for academic excellence, conduct rigorous scientific investigation and evidence-based clinical practice, and disseminate new knowledge

- Collaboration and Team Building (within and outside the Welch Center) – The Center maximizes collaboration among disciplines, pooling together diverse intellectual and other resources. Faculty appreciate and value each colleague's efforts and views, and trust each other to carry through in a collegial fashion.
- Creativity and New Ideas – The Center ventures into new frontiers of scholarship by fostering an environment that encourages innovation. Faculty gatherings (seminars and interest group meetings) provide a forum for exchange of ideas.
- Mentoring and Development – The Center identifies new talent and invests in it by guiding trainees and junior faculty to find their paths in academic scholarship and helping them acquire the intellectual and financial resources to flourish. Faculty help our trainees develop their unique skills, and maintain open communication during their training.
- Opportunities for Leadership – The Center gives credibility to young people by distributing responsibility early on and providing opportunities for younger faculty to lead, teach and share knowledge gained from training.
- Patient and Public Health Impact – The Center strives for academic excellence to make its work relevant to both patients and the health of the public.

WELCH CENTER CORE FACULTY, 2007-2008



Cheryl Anderson, PhD, MPH

Assistant Professor, Epidemiology

Research Interests: Nutrition and cardiovascular disease prevention



Lawrence J. Appel, MD, MPH

Professor, Medicine, Epidemiology, International Health

Research Interests: Cardiovascular and kidney disease, prevention, nutrition



Brad C. Astor, PhD, MPH

Assistant Professor, Epidemiology, Medicine

Research Interests: Cardiovascular and kidney disease, hemodialysis vascular access



Marian Batts-Turner, RN, MSN

Research Associate, Medicine, Nursing

Research Interests: Diabetes, community-based interventions



Mary Catherine Beach, MD, MPH

Associate Professor, Medicine, Health Policy and Management

Core Faculty, Berman Institute of Bioethics

Research Interests: Patient-physician communication, bioethics, racial/ethnic disparities, patient-centered care



L. Ebony Boulware, MD, MPH

Associate Professor, Medicine, Epidemiology

Research Interests: Quality and access to care in chronic kidney disease, organ donation



Frederick L. Brancati, MD, MHS

Professor, Medicine, Epidemiology

Research Interests: Obesity, diabetes, and related conditions



Jeanne M. Clark, MD, MPH

Associate Professor, Medicine, Epidemiology

Research Interests: Obesity, nonalcoholic fatty liver disease



Lisa A. Cooper, MD, MPH

Professor, Medicine, Epidemiology, and Health Policy & Management

Research Interests: Patient-centered care, patient-physician communication, racial/ethnic disparities



Josef Coresh, MD, PhD, MHS

Professor, Epidemiology, Biostatistics, Medicine

Research Interests: Cardiovascular and kidney disease, epidemiologic methods, genetic epidemiology



Rosa M. Crum, MD, MHS

Professor, Epidemiology, Psychiatry, Mental Health

Research Interests: Psychiatric disorders, alcohol and substance abuse



Gail L. Daumit, MD, MHS

Associate Professor, Medicine, Epidemiology, Health Policy and Management

Research Interests: Severe mental illness, primary care



Nancy E. Fink, MPH

Senior Scientist, Epidemiology, Medicine

Research Interests: Kidney disease, hearing impairment and language development in children



Daniel E. Ford, MD, MPH

Professor, Medicine, Epidemiology, Health Policy and Management

Research Interests: Depression, clinical prevention, primary care, substance abuse



Susan Furth, MD, PhD

Associate Professor, Pediatrics, Epidemiology

Research Interests: Pediatric kidney disease, access and outcomes of care for children



Tiffany L. Gary, PhD, MHS

Assistant Professor, Epidemiology, Medicine

Research Interests: Diabetes, Obesity, Minority Health, Social Determinants, Community-Based Interventions



Sherita Hill Golden, MD, MHS

Associate Professor, Medicine, Epidemiology

Research Interests: Endocrinology and insulin resistance, diabetes and cardiovascular disease, depression



Eliseo Guallar, MD, DrPH

Associate Professor, Epidemiology

Research Interests: Cardiovascular disease epidemiology, epidemiologic methods



Felicia Hill-Briggs, PhD

Associate Professor, Medicine

Research Interests: Chronic disease self-management, disability, quality of life, minority health



Linda Kao, PhD, MHS

Associate Professor, Epidemiology

Research Interests: Genetic epidemiology of obesity, type 2 diabetes, renal disease



Michael J. Klag, MD, MPH

Professor, Medicine, Epidemiology, Health Policy and Management

Research Interests: Cardiovascular and kidney disease



Lucy Meoni, ScM

Associate Scientist, Biostatistics, Medicine

Research Interests: Cardiovascular and kidney disease



Edgar R. (Pete) Miller, MD, PhD

Associate Professor, Medicine, Epidemiology

Research Interests: Hypertension, clinical trials, non-pharmacologic therapies, antioxidants



Ana Navas-Acien, MD, PhD, MPH

Assistant Professor of Environmental Health Sciences and Epidemiology

Research Interests: Environmental epidemiology, cardiovascular epidemiology, epidemiologic methods



Rulan Parekh, MD

Associate professor, Pediatrics, Medicine

Research Interests: Cardiovascular disease in ESRD, chronic kidney disease



Director: **Neil Powe, MD, MPH, MBA**
Professor, Medicine, Epidemiology, Health Policy and Management
Research Interests: Kidney disease, outcomes, evidence-based medicine, public health



Elizabeth Selvin, PhD, MPH
Assistant Professor, Epidemiology
Research Interests: Diabetes and cardiovascular disease; screening and prevention; epidemiologic methods



Nae-Yuh Wang, PhD
Assistant Professor, Medicine
Research Interests: Longitudinal data analysis, statistical and epidemiologic methods



Jessica Yeh, PhD
Assistant Scientist, Epidemiology
Research Interests: Epidemiology of diabetes and its complications



J. Hunter Young, MD, MHS
Assistant Professor, Medicine, Epidemiology
Research Interests: Genetic epidemiology, cardiovascular disease, hypertension, diabetes, obesity

**WELCH CENTER ASSOCIATE AND SENIOR
ASSOCIATE FACULTY, 2007-2008**

Associate Faculty



Jeffrey Fadrowski, MD, MHS
Assistant Professor, Pediatrics
Division of Pediatric Nephrology
School of Medicine



John K. Niparko, MD
George T. Nager Professor
Otolaryngology-Head and Neck
Surgery
School of Medicine



Allan Gelber, MD, MPH, PhD
Associate Professor, Medicine
Division of Rheumatology,
School of Medicine



Jodi Segal, MD, MPH
Associate Professor, Medicine,
Division of General Internal
Medicine, School of Medicine



Bernard G. Jaar, MD
Assistant Professor, Medicine
Division of Nephrology
School of Medicine



A. Richey Sharrett, MD, DrPH
Adjunct Professor, Epidemiology
School of Public Health



**Wanda Nicholson, MD, MPH,
MBA**
Associate Professor,
Obstetrics and Gynecology
School of Medicine;
Department of Population,
Family and Reproductive Health
School of Public Health



**Virginia Weaver, MD, MPH,
PhD**
Associate Professor, Medicine
Department of Health, Safety and
Environment, School of
Medicine; Department of
Environmental
Health Sciences
Division of Occupational and
Environmental Health
School of Public Health

Senior Associate Faculty



Leon Gordis, MD, DrPH
Professor, Epidemiology, Pediatrics
Research Interests: Childhood and Chronic Diseases,
Health Services Evaluation, Public Policy

WELCH CENTER STAFF

Administrative Support

Bayton, Patricia
Camarata, Laura, BA
Chester, Jerome
Garren, Linda, BBE
Howell, Areh Osaji, BS
Krause, Noreen, BS
Mantegna, Kelly, BS
Mays, Joy
Minnick-Belarmino, Malot, PhD
Robinson, Carolyn, BBA
Sims, Donna
Stambaugh, Roxanne
Taylor, Uvonna
Thomas, Beverly
Turner, Irene
Whitehead, Teri
Wren, Catherine

Academic Program Administrator (Epi/CVD/Renal)

Lawner, April, BS, BA

Diversity Council Coordinator/ Women's Task Force Coordinator

Stith, Kristin, BA

Editor/Academic Coordinator

Mary Cay Reynolds, MLIS

GIM/ProHealth Grants Administrator

Rinker, Ryan, BS

AASK Project/Fatty Liver Study/CRIC

Diggs, Charalett, RN
Harrison, Tara

ACE Project

Agarwal, Devesh, MD, MPH
Campbell, Leslie
Leatherman, Elizabeth, MS
Trudeau, James
Wren, Catherine

ACHIEVE Project

Agarwal, Devesh, MD, MPH
Campbell, Leslie
Nicholson, Mickaela, MHS
Trudeau, James
Wren, Catherine

ARIC Project (Hagerstown)

Crowley, Pat (Proj. Coord.)
Barkman, Ruth
Bowers, Pam
Cocodrilli, MaryAnn
Crunkleton, Tammy
Downs, Lilly
Hammerman, Lynne
Hawbaker, Pat
Mummert, Lisa
Myers, Melissa
Sheppard, Lynda
Smith, Pat
Sowers, Maria
Tyler, Kathy
Zelke, Rosie

ARIC Project (Welch Center)

Carson, Kathryn, ScM
Wang, Yaping, MS
Zhu, Hong, BS

CHOICE Project / CDaCI Study

Bayton, Patricia
Belarmino, Enrico, BS
Berthier-Schaad, Yvette, PhD
Jaar, Bernard, MD, MPH
Grace, Thelma
Plantinga, Laura, ScM
Wang, Yaping, MS
Whitehead, Brandon

CKD Surveillance Project

Kwong, Diana
Lawner, April

CKiD Project

Boynton, Sara, MS
Minnick-Belarmino, Malot, PhD
Ndirangu, Jackie, MPH
Shang, Shumei, MS

Chronic Disease Informatics Program

Cha, Eunme
Kagna, Sonia
Lipshin, Oleg
Lebherz, Samuel
Li, Jingy
Orlov, Alex
Stozhkov, Paul
Wood, Jeffrey
Yablochnikov, Ilya
Zakashansky, Elena

Clinical Research Scholars Program

Cantu, Noelia, MBA

DECIDE Project

Bacon, Judy, BS, CCRP
Daughtery, Laura, PhD, LICSW
Randall, Roderick Daryl, BS, MS

First Step Project

Krause, Noreen, BS

Golden Project

Drummond-Watts, Bennette

HGDP / HAPMAP Project

Jin, Sheng-Chih (Peter), ScM

Health Care Disparities Research

Carson, Kathryn, ScM
Ghods, Bri, BS
Kemp, Karen, MSW
McGlynn, Dawna, LCSW-C

HIV and Sickle Cell Projects

Massa, Michele

ICHABOD Project

Weeks, Kristina, BS

Kidney Disease Screening

Semenov, Yevgeniy, BS

NHANES

Zhu, Hong, BS

PACE Study

An, Suzy
Chester, Jerome
Jaar, Bernard, MD, MPH
Kiesewetter, Karen, BS
Maly, Maggie
Oberai, Pooja, MD, MS
Tariq, Zarqa, MD

POWER Trial

Durkin, Nowella
Jin, Sheng-Chih (Peter), ScM

Precursors

Hardesty, Susan
Shihab, Hasan M., MD, MPH
Whitehead, Teri

**Pre-Doctoral Clinical Research
Training Program**

Moody, Michelle, BS

Premier Project

Jin, Sheng-Chih (Peter), ScM

Pro-Health (Woodlawn)

Charleston, Jeanne (Dir., Clin.
Operations)
Swilley, Deborah (Office Manager)
Arceci, Jean
Dalcin, Arlene
Diggins, Danielle
Diggs, Charalett
Espinosa, Lisbeth
Gauvrey-Kern, Megan, BA
Gayles, Debra
Harrison, Tara
Jiggetts, Dawn
Johnson, Mia
Lambert, Joyce

**Pro-Health (Woodlawn),
continued**

Lawrence, Gloria
McCarron, Phyllis
Michalski, Katherine
Ngoh, Patience
Powell, Charles
Proctor, Victoria
Reynolds, Jeffrey
Richardson, Carol
Robinson, Noni
Sullivan, Patrick
Swartz, Lee
Thomas, Letitia
Ventakash, Hema
White, Karen

**TALK Study / Organ Donation/
Kidney Disease Projects**

Ephraim, Patti, MPH
Evans, Kira
Noletto, Todd
Senga, Mikiko

WELCH CENTER SPONSORED PROJECTS, 2007-2008

Listed below are the 73 sponsored projects on which a Core Faculty member was the principal or co-principal investigator during the 2007-2008 fiscal year. Seventeen of these research projects were new during this period. Projects are arranged by the name of the faculty member who is the principal investigator or co-principal investigator.

<i>Project Title</i>	<i>Sponsor</i>	<i>Dept.</i>	<i>Project Start Date</i>	<i>Project End Date</i>	<i>Total Direct Costs</i>	<i>Direct Costs for Year</i>	<i>Total Costs</i>	<i>Total Costs for Year</i>
Cheryl Anderson								
The Effects of Dietary Sodium and Potassium Intake on Subclinical and Clinical Cardiovascular Disease	Nat'l Heart, Lung, and Blood Institute	Epi	4/1/08	3/31/13	\$ 664,151	\$ 130,431	\$ 695,682	\$ 140,865
Tests of a Unique Biomarker for High Fructose Corn Syrup	American Diabetes Association	Med	7/1/07	6/30/09	\$ 99,928	\$ 49,964	\$ 99,928	\$ 49,964
Tests of a Biomarker for Dietary Intake of Sweets	Johns Hopkins Univ	Epi	11/1/07	10/31/08	\$ 20,000	\$20,000	\$ 20,000	\$20,000
Lawrence Appel								
CRIC Plus	Univ California, San Francisco	Epi	3/1/06	2/28/10	\$ 136,874	\$ 71,020	\$ 168,293	\$ 82,532
Pulse Wave Velocity in Chronic Kidney Disease	Univ Pennsylvania	Epi	12/1/04	11/30/09	\$ 56,297	\$ 18,320	\$ 88,226	\$ 30,045
Weight Loss Maintenance Trial	Nat'l Heart, Lung & Blood Institute	Med	1/1/03	12/31/07	NCE	NCE	NCE	NCE
Vitamin D Deficiency, Physical Performance and Cardiovascular Outcomes in CRIC	Children's Hospital of Philadelphia	Epi	12/1/06	11/30/10	\$ 19,639	\$ 19,639	\$ 30,077	\$ 30,077
Carbohydrate: Amount and Type Affecting Risk of CVD and Diabetes	Brigham & Women's Hospital	Med	1/1/07	12/31/11	\$ 1,110,768	\$ 490,466	\$ 1,399,776	\$ 635,560

<i>Project Title</i>	<i>Sponsor</i>	<i>Dept.</i>	<i>Project Start Date</i>	<i>Project End Date</i>	<i>Total Direct Costs</i>	<i>Direct Costs for Year</i>	<i>Total Costs</i>	<i>Total Costs for Year</i>
Lawrence Appel (continued)								
Inflammation, Kidney Disease Progression, & Incident Cardiovascular Disease	Univ of Texas Medical Branch	Med	6/1/07	5/31/08	\$ 6,102	\$ 6,102	\$ 10,005	\$ 10,005
Chronic Renal Insufficiency Cohort Study (CRIC)	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	9/1/01	6/30/13	\$ 4,128,630	\$ 673,667	\$ 4,771,555	\$ 750,590
Integrated Clinical-Behavioral Interventions to Accomplish Weight Loss (aka POWER)	Nat'l Institutes of Health	Med	9/30/06	6/30/11	\$ 10,920,449	\$ 915,358	\$ 15,583,884	\$ 1,285,961
AASK Cohort Study – Analytic Core	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	2/1/07	1/31/09	\$ 755,627	\$ 38,390	\$ 1,025,584	\$ 50,286
Brad Astor								
Prospective Study of Atherosclerosis, Clinical Cardiovascular Disease, and Long Term Exposure to Ambient particulate Matter and Other Air Pollutants in a Multi-Ethnic Cohort	Univ of Washington	Epi	8/1/04	7/31/14	\$ 547,719	\$ 103,962	\$ 799,891	\$ 135,129
Longitudinal Study of Predictors and Consequences of Chronic Kidney Disease	Nat'l Institutes of Health	Epi	2/1/07	1/31/12	\$ 3,611,396	\$ 519,186	\$ 5,405,480	\$707,660
Integrated Epidemiologic & Toxicologic Cardiovascular Study	Univ of Washington	Epi	8/1/07	12/31/07	\$ 7,813	\$ 7,813	\$ 9,844	\$ 9,844
Mary Catherine Beach								
Patient-Centeredness in Care of Vulnerable Populations	Agency for Healthcare Research and Quality	Med	9/1/03	8/30/08	\$ 561,498	\$ 113,385	\$ 606,419	\$ 122,456
Respect, Trust, and Pain Management Quality in Patients with Severe Sickle Cell Disease	Blaustein Pain Fund	Med	7/1/06	6/30/08	\$ 49,300	\$ 49,300	\$ 49,300	\$ 49,300
Enhancing Communication and HIV Outcomes (ECHO)	Agency for Healthcare Research and Quality	Med	10/1/05	9/30/08	\$ 5,469,345	\$ 1,751,506	\$ 5,844,232	\$ 1,855,272

<i>Project Title</i>	<i>Sponsor</i>	<i>Dept.</i>	<i>Project Start Date</i>	<i>Project End Date</i>	<i>Total Direct Costs</i>	<i>Direct Costs for Year</i>	<i>Total Costs</i>	<i>Total Costs for Year</i>
Ebony Boulware								
Information & Financial Interventions for Kidney Donation in African Americans	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	9/1/07	8/31/12	\$ 712,500	\$ 91,200	\$ 1,168,500	\$ 233,700
Clinical and Behavioral Determinants of CKD Disparities	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	9/1/06	8/31/11	\$ 623,750	\$ 124,750	\$ 673,650	\$ 134,730
Social and Behavioral Interventions to Increase Organ and Tissue Donation	Health Resources & Services Admin	Med	9/1/06	8/31/09	\$ 569,823	\$ 297,180	\$ 892,835	\$ 185,110
Frederick Brancati								
Patient-Oriented Research in Type 2 Diabetes	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	7/1/07	6/30/12	\$ 1,574,680	\$ 174,726	\$ 1,700,656	\$ 188,704
Study of Health Outcomes of Weight Loss (SHOW)	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	8/1/06	7/31/13	\$ 5,472,673	\$ 857,704	\$ 6,857,687	\$ 1,061,590
Epidemiology & Prevention of Type 2 Diabetes & Its Complications	American Diabetes Association	Med	7/1/07	6/30/11	\$ 180,000	\$ 45,000	\$ 180,000	\$ 45,000
Jeanne Clark								
Fatty Liver Disease & Hepatic Energy Homeostasis in LookAHEAD	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	9/15/01	7/31/08	\$ 1,352,016	NCE	\$ 1,844,302	NCE
Lisa Cooper								
Patient-Oriented Research in Cardiovascular Health Disparities	Nat'l Heart, Lung & Blood Institute	Med	3/1/06	2/28/11	\$ 1,332,860	\$ 135,577	135,577	146,423
Quality of Decision-Making Communication & Outcomes of Care for African Americans with Depression	Foundation for Informed Decision Making	Med	10/1/07	9/30/08	\$ 84,887	\$ 84,887	\$ 84,887	\$ 99,318

<i>Project Title</i>	<i>Sponsor</i>	<i>Dept.</i>	<i>Project Start Date</i>	<i>Project End Date</i>	<i>Total Direct Costs</i>	<i>Direct Costs for Year</i>	<i>Total Costs</i>	<i>Total Costs for Year</i>
Lisa Cooper, continued								
Patient-Centered Depression Care for African Americans	Agency for Health Care Research and Quality	Med	9/30/03	8/31/08	\$ 3,599,649	\$ 345,376	\$ 4,818,352	\$ 502,291
Josef Coresh								
Atherosclerosis, Plaque and CVD in Communities (ARIC Visit 5)	Univ Texas	Epi	9/15/04	6/30/08	\$ 1,128,232	\$ 69,689	\$ 1,469,481	\$ 114,290
Cardiovascular Epidemiology Institutional Training	Nat'l Heart, Lung & Blood Institute	Epi	7/1/05	6/30/10	\$ 2,064,108	\$ 508,603	\$ 2,175,320	\$ 536,207
Atherosclerosis Risk in Communities (ARIC) Study Field	Nat'l Heart, Lung & Blood Institute	Epi	2/1/06	1/31/12	\$ 4,876,119	\$ 836,692	\$ 6,797,802	\$ 1,171,877
Refining Estimates of Kidney Function in the United States	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	5/15/04	4/30/09	\$ 239,334	\$ 66,482	\$ 310,082	\$ 108,698
Rosa Crum								
Internalizing Symptoms and Alcohol Involvement	Nat'l Inst on Alcohol Abuse and Alcoholism	Epi	7/15/05	6/30/09	\$ 526,443	\$ 170,673	\$ 860,688	\$ 279,904
Prospective Study of Alcohol Intake, Genetic Susceptibility and Breast Cancer Overall Health Risk	Susan G. Komen Breast Cancer Foundation	Epi	5/1/05	4/30/08	\$ 199,706	\$ 99,797	\$ 249,632	\$ 124,746
Gail Daumit								
Achieving Health Lifestyle in Psych Rehabilitation	Nat'l Institute of Mental Health	Med	1/1/05	12/31/07	\$ 608,295	NCE	\$ 867,171	--
Activating Consumers to Exercise in Community Psychiatry through Peer Support	Nat'l Institute of Mental Health	Med	9/1/06	7/31/09	\$ 528,255	\$ 131,085	\$ 865,775	\$ 214,979

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Gail Daumit, continued								
Randomized Trial of Achieving Healthy Lifestyles in Psych Rehabilitation	Nat'l Institute of Mental Health	Med	3/1/08	11/30/12	\$ 3,800,618	\$ 622,870	\$ 5,053,606	\$ 862,949
Health Promotion & Fitness for Younger & Older Adults	Dartmouth College	Med	4/1/07	3/31/12	\$ 61,737	\$ 11,628	\$ 101,233	\$ 19,055
Preventable Mortality in Maryland Medicaid SMI	Nat'l Institutes of Health	Med	12/1/05	5/31/09	\$ 1,856,256	\$ 309,081	\$ 2,753,188	\$ 442,598
Nancy Fink								
Childhood Development after Cochlear Implant: Data Coordinating Center	Nat'l Institutes of Health	Med	7/1/07	6/30/12	\$ 1,267,015	\$ 202,851	\$ 1,596,439	\$ 255,592
Bilateral Cochlear Implant Study: Data Coordinating Center	Advanced Bionics	Med	5/13/08	4/30/11	\$ 255,548	\$ 39, 810	\$ 342,435	\$ 53,345
Daniel Ford								
Development of Internet Intervention for Depression	Nat'l Institutes of Health	Med	9/1/06	6/30/08	\$ 464,781	\$ 228,917	\$ 643,754	\$ 309,551
Institutional Nat'l Research Service Award	Health Resources and Services Admin	Med	7/1/03	6/30/08	\$ 2,281,238	\$ 397,777	\$ 2,437,088	\$ 423,440
Susan Furth								
Mid-Career Investigator Award in Patient-Oriented Research in Pediatric Kidney Disease	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Peds	8/1/07	7/31/12	\$ 838,408	\$ 134,934	\$ 905,482	\$ 145,729
Chronic Kidney Disease in Children (C-KID)	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Peds	9/30/03	9/29/08	\$ 5,315,768	\$ 699,987	\$ 6,323,679	\$ 809,526
Tiffany Gary								
Racial Disparities in Obesity: Role of Culture and Environment	Nat'l Heart, Lung & Blood Institute	Epi	8/15/06	4/30/11	\$ 758,853	\$ 126,192	\$ 819,561	\$ 136,287

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Sherita Golden								
Stress, Hypercortisolism and Metabolic Risk Factors	Nat'l Institutes of Health	Med	7/5/05	6/30/10	\$ 995,373	\$ 124,350	\$ 1,075,004	\$ 134,298
Eliseo Guallar								
Collaborative Agreement for Participation of Dr. Eliseo Guallar in CNIC's Activities	Centro Nacional de Investigaciones Cardiovasculares	Epi	1/1/08	12/31/09	\$ 177,949	\$ 106,395	\$ 177,949	\$ 128,370
Mercury, Arsenic and Carotid Atherosclerosis	Nat'l Heart, Lung & Blood Institute	Epi	1/1/04	12/31/07	\$ 294,231	\$ 430,467	\$ 826,245	\$ 1,196,886
Felicia Hill-Briggs								
Project DECIDE (Decision Making Education for Choices in Diabetes Everyday): Intervention Support	American Heart Association	Med	7/1/06	6/30/08	\$ 85,272	\$ 20,168	\$ 85,272	\$ 20,168
Problem Solving and CVD Risk Management in Diabetic Blacks	Nat'l Heart, Lung & Blood Institute	Med	7/15/04	6/30/09	\$ 567,965	\$ 141,797	\$ 613,402	\$ 153,141
Linda Kao								
Genetic Epidemiology of NAFLD and T2DM	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	3/15/05	3/14/10	\$ 713,834	\$ 119,406	\$ 770,983	\$ 128,958
Identification of Type 2 Diabetes Genes in African Americans Using Admixture Mapping	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	2/1/06	1/31/08	\$ 328,336	\$ 152,481	\$ 474,888	\$ 194,843
Identification of Genes for ESRD in African Americans	Nat'l Institutes of Health	Epi	6/1/05	5/31/08	\$ 1,223,937	\$ 374,669	\$ 2,001,224	\$ 614,457
Michael Klag								
Precursors of Premature Disease and Death	Nat'l Inst on Aging	Med	9/1/03	8/31/08	\$ 1,674,686	\$ 350,888	\$ 2,539,295	\$ 520,178

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Michael Klag, continued								
Renal Disease Epidemiology Training Grant	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	7/1/05	6/30/10	\$ 1,571,967	\$ 287,119	\$ 1,650,733	\$ 304,025
Prospective Study of Cardiovascular Disease in ESRD	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	7/1/05	6/30/10	\$ 549,415	\$ 109,883	\$ 593,370	\$ 118,674
Longitudinal Study of Dialysis	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	9/1/07	7/31/12	\$ 2,311,566	\$ 456,564	\$ 3,664,429	\$ 709,405
Ana Navas-Acien								
Secondhand Smoke Exposure and Diseases of the Upper Airway	Flight Attendant Medical Research Institute	Environ. Health	7/1/05	11/30/08	\$ 299,905	\$ 137,613	\$ 597,052	\$ 99,955
Secondhand Smoke Exposure Among Bar and Nightclub Employees	Flight Attendant Medical Research Institute	Environ. Health	7/1/06	6/30/09	\$ 300,000	\$ 100,000	\$ 325,397	\$ 108,466
Rulan Parekh								
Study of Heart and Renal Protection (SHARP)	Univ Oxford	Med	7/1/04	12/31/08	\$ 126,315	\$ 25,920	\$ 126,315	\$ 25,920
Mineralization & Cardiovascular Disease Risk in an Incident Dialysis Cohort	Nat'l Kidney Foundation	Med	7/1/07	6/30/08	\$ 9,970	\$ 9,970	\$ 9,970	\$ 9,970
Diabetic and Nondiabetic Nephropathy Susceptibility Genes	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	5/1/05	8/31/07	\$ 604,669	\$ 197,601	\$ 761,882	\$248,977
Neil Powe								
Improving Quality by Enhancing Clinical Information Technology	Commonwealth Fund	Med	7/1/05	12/31/07	\$244,707	NCE	\$ 266,731	--
Improving the Quality of Health Care Decisions Regarding Chronic Kidney Disease	Foundation for Informed Decision Making	Med	2/1/05	6/30/09	\$ 182,991	\$ 45,908	\$ 214,099	\$ 53,712

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Neil Powe (continued)								
Sample Frame for the HANDLS Study in the Baltimore Area	Nat'l Institute of Aging	Med	4/1/07	2/28/08	\$ 11,548	\$ 3,842	\$ 18,900	\$ 6,300
Multidisciplinary Clinical Research Career Development Program (<i>Became CTSA 9/17/07</i>)	Nat'l Center for Research Resources	Med	10/1/04	9/30/09	\$ 11,922,524	\$ 3,111,230	\$ 12,804,597	\$ 3,335,937
Patient-Oriented Research in Kidney Disease	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Med	1/1/05	12/31/10	\$ 1,167,661	\$ 166,840	\$ 1,261,073	\$ 180,187
Establishing a Surveillance System for Chronic Kidney Disease	Ass'n of American Medical Colleges	Med	10/1/06	9/30/08	\$ 476,321	\$ 162,677	\$ 629,695	\$ 215,058
Culturally Sensitive Behavioral Interventions to Enhance Living Kidney Donation	Health Resources and Services Admin	Med	9/1/06	8/31/09	\$ 751,030	\$ 188,898	\$ 1,190,015	\$ 297,562
Program to Train Predoctoral Students in Clinical Research (<i>Became CTSA 9/17/07</i>)	Nat'l Center for Research Resources	Med	10/1/05	9/30/10	\$ 3,151,383	\$ 631,387	\$ 3,332,118	\$ 667,623
Elizabeth Selvin								
Glycemia, Advanced Glycation Endproducts (AGES) and Atherosclerosis in Diabetes	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	12/1/06	11/30/11	\$ 233,393	\$ 118,053	\$ 252,064	\$ 127,497
Defining the Clinical Significance of Hba1c Prior to the Onset of Diabetes	Nat'l Inst of Diabetes and Digestive and Kidney Diseases	Epi	12/1/07	11/30/09	\$ 298,000	\$ 100,000	\$ 488,720	\$ 164,000
J. Hunter Young								
Using Signature of Selection to Find Genes Responsible for Susceptibility to Type 2 Diabetes	American Diabetes Ass'n	Med	7/1/06	6/30/08	\$ 100,000	\$ 25,000	\$ 100,000	\$ 25,000

FACULTY PUBLICATIONS 2007-2008

The following citations are to publications authored by Welch Center Core faculty members during the 2007-2008 fiscal year. Welch Center faculty members authored 163 journal articles during this period. Of these articles, 15 were published in journals with an impact factor greater than ten, and 38 of them were published in journals with an impact factor between five and ten.

Journal Impact Factor is determined by the Journal Citation Report (JCR), a product of Thomson ISI (Institute for Scientific Information). Impact factor is a measure of the frequency with which the "average article" in a journal has been cited in a given period of time. The factor is determined by the citation counts from ISI Web of Science. It is a widely used, but not the only, indicator of research quality.

Anderson CA, Beresford SAA, Lampe J, Knopp RH, Motulsky AG. Enhancing recruitment of healthy African American volunteers in a city with a small African American community: results from a dietary supplement crossover trial. *Ethnicity and Disease*. 2007 Summer;17(3):555-559.

Tanumihardjo SA, **Anderson CA**, Kaufer-Horwitz M, Bode L, Emenaker NJ, Haqq AM, Satia JA, Silver HJ, Stadler D (2007). Poverty, obesity, and malnutrition: An international perspective recognizing the paradox. *Journal of the American Dietetic Association*. 2007 Nov;107:1966-1972.

Appel LJ. At the tipping point: accomplishing population-wide sodium reduction in the United States. *Journal of Clinical Hypertension (Greenwich)*. 2008 Jan; 10(1): 7-11.

Appel LJ, Wright JT Jr, Greene T, Kusek JW, Lewis JB, Wang X, Lipkowitz MS, Norris KC, Bakris GL, Rahman M, Contreras G, Rostand SG, Kopple JD, Gabbai FB, Schulman GI, Gassman JJ, Charleston J, Agodoa LY; African American Study of Kidney Disease and Hypertension Collaborative Research Group. The Long-term Effects of Renin-Angiotensin System Blocking Therapy and a Low Blood Pressure Goal on Progression of Hypertensive Chronic Kidney Disease in African-Americans. *Archives of Internal Medicine*. 2008 Apr 28;168(8):832-839.

Ard JD, Kumanyika S, Stevens VJ, Vollmer WM, Samuel-Hodge C, Kennedy B, Gayles D, **Appel LJ**, Brantley PJ, Champagne C, Charleston J, Svetkey LP. Effect of group racial composition on weight loss in African Americans. *Obesity (Silver Spring)*. 2008 Feb;16(2):306-10.

Bhatnagar V, O'Connor DT, Schork NJ, Salem RM, Nievergelt CM, Rana BK, Smith DW, Bakris GL, Middleton JP, Norris KC, Wright JT, Cheek D, Hiremath L, Contreras G, **Appel LJ**, Lipkowitz MS. Angiotensin-converting enzyme gene polymorphism predicts the time-course of blood pressure response to angiotensin converting enzyme inhibition in the AASK trial. *Journal of Hypertension*. 2007 Oct;25(10):2082-2092.

Chen X, Wang Y, **Appel LJ**, Mi J. Impacts of Measurement Protocols on Blood Pressure Tracking From Childhood Into Adulthood: A Metaregression Analysis. *Hypertension*. 2008 Mar; 51 (3): 642-9.

Elliott P, Kesteloot H, **Appel LJ**, Dyer AR, Ueshima H, Chan Q, Brown IJ, Zhao L, Stamler J; INTERMAP Cooperative Research Group. Dietary Phosphorus and Blood Pressure. International Population Study on Macronutrients and Blood Pressure. *Hypertension*. 2008 Mar;51(3):669-75.

Furtado JD, Campos H, **Appel LJ**, **Miller ER**, Laranjo N, Carey VJ, Sacks FM. Effect of protein, unsaturated fat, and carbohydrate intakes on plasma apolipoprotein B and VLDL and LDL containing apolipoprotein C-III: results from the OmniHeart Trial. *American Journal of Clinical Nutrition*. 2008 Jun;87(6):1623-30.

Jehn ML, Brotman DJ, **Appel LJ**. Racial Differences in Diurnal Blood Pressure and Heart Rate Patterns. *Archives of Internal Medicine*. 2008 May 12;168(9): 996-1002.

Lea J, Cheek D, Thornley-Brown D, **Appel L**, Agodoa L, Contreras G, Gassman J, Lash J, **Miller ER 3rd**, Randall O Wang X, McClellan W; AASK Study Investigators. Metabolic syndrome, proteinuria, and the risk of progressive CKD in hypertensive African Americans. *American Journal of Kidney Diseases*. 2008 May;51(5):732-40.

Lien LF, Brown AJ, Ard JD, Loria C, Erlinger TP, Feldstein AC, Lin PH, Champagne CM, King AC, McGuire HL, Stevens VJ, Brantley PJ, Harsha DW, McBurnie MA, **Appel LJ**, Svetkey LP. Effects of PREMIER Lifestyle Modifications on Participants With and Without the Metabolic Syndrome. *Hypertension*. 2007 Oct;50(4):609-616.

Lin PH, **Appel LJ**, Funk K, Craddick S, Chen C, Elmer P, McBurnie MA, Champagne C. The PREMIER Intervention Helps Participants Follow the Dietary Approaches to Stop Hypertension Dietary Pattern and the Current Dietary Reference Intakes Recommendations. *Journal of the American Dietetic Association*. 2007 Sep;107(9):1541-51.

Obarzanek E, Vollmer WM, Lin PH, Cooper LS, Young DR, Ard JD, Stevens VJ, Simons-Morton DG, Svetkey LP, Harsha DW, Elmer PJ, **Appel LJ**. Effects of Individual Components of Multiple Behavior Changes: The PREMIER Trial. *American Journal of Health Behavior*. 2007 Sep-Oct;31(5):545-60.

Peterson GE, de Backer T, Gabriel A, Ilic V, Vagaonescu T, **Appel LJ**, Contreras G, Kendrick C, Rostand S, Phillips RA; African American Study of Kidney Disease Investigators. Prevalence and Correlates of Left Ventricular Hypertrophy in the African American Study of Kidney Disease Cohort Study. *Hypertension*. 2007 Dec;50(6):1033-1039.

Rahman M, **Appel LJ**. Should reducing nocturnal blood pressure be a therapeutic target in CKD? The time is ripe for a clinical outcomes trial. *American Journal of Kidney Diseases*. 2007 Dec;50(6):901-3.

Sika M, Lewis J, Douglas J, Erlinger T, Dowie D, Lipkowitz M, Lash J, Cornish-Zirker D, Peterson G, Toto R, Kusek J, **Appel L**, Kendrick C, Gassman J; AASK Group. Baseline Characteristics of Participants in the African American Study of Kidney Disease and Hypertension (AASK) Clinical Trial and Cohort Study. *American Journal of Kidney Diseases*. 2007 Jul;50(1):78-89.

Svetkey LP, Stevens VJ, Brantley PJ, **Appel LJ**, Hollis JF, Loria CM, Vollmer WM, Gullion CM, Funk K, Smith P, Samuel-Hodge C, Myers V, Lien LF, Laferriere D, Kennedy B, Jerome GJ, Heinith F, Harsha DW, Evans P, Erlinger TP, Dalcin AT, Coughlin J, Charleston J, Champagne CM, Bauck A, Ard JD, Aicher K; Weight Loss Maintenance Collaborative Research Group. Comparison of strategies for sustaining weight loss: the weight loss maintenance randomized controlled trial. *JAMA*. 2008 Mar 12;299(10):1139-48.

Swain JF, McCarron PB, Hamilton EF, Sacks FM, **Appel LJ**. Characteristics of the Diet Patterns Tested in the Optimal Macronutrient Intake Trial to Prevent Heart Disease (OmniHeart): Options for a Heart-Healthy Diet. *Journal of the American Dietetic Association*. 2008 Feb;108(2):257-65.

Astor BC, Yi S, Hiremath L, Corbin T, Pogue V, Wilkening B, Peterson G, Lewis J, Lash JP, Van Lente F, Gassman J, Wang X, Bakris G, **Appel LJ**, Contreras G. N-terminal prohormone brain natriuretic peptide as a predictor of cardiovascular disease and mortality in blacks with hypertensive kidney disease: the African American Study of Kidney Disease and Hypertension (AASK). *Circulation*. 2008 Apr 1;117(13):1685-92.

Astor BC, Hallan SI, **Miller ER 3rd**, Yeung E, **Coresh J**. Glomerular filtration rate, albuminuria, and risk of cardiovascular and all-cause mortality in the US population. *American Journal of Epidemiology*. 2008 May 15;167(10):1226-34.

de Boer IH, **Astor BC**, Kramer H, Palmas W, Seliger SL, Shlipak MG, Siscovick DS, Tsai MY, Kestenbaum B. Lipoprotein abnormalities associated with mild impairment of kidney function in the multi-ethnic study of atherosclerosis. *Clinical Journal of the American Society of Nephrology*. 2008 Jan;3(1):125-32.

de Boer IH, **Astor BC**, Kramer H, Palmas W, Rudser K, Seliger SL, Shlipak MG, Siscovick DS, Tsai MY, Kestenbaum B. Mild elevations of urine albumin excretion are associated with atherogenic lipoprotein abnormalities in the Multi-Ethnic Study of Atherosclerosis (MESA). *Atherosclerosis*. 2008 Mar;197(1):407-14.

Hallan S, **Astor B**, Romundstad S, Aasarød K, Kvenild K, **Coresh J**. Association of kidney function and albuminuria with cardiovascular mortality in older vs younger individuals: The HUNT II Study. *Archives of Internal Medicine*. 2007 Dec 10;167(22):2490-6.

Jaar BG, Plantinga LC, **Astor BC**, **Fink NE**, Longenecker JC, Tracy RP, Marcovina SM, **Powe NR**, **Coresh J**. Novel and traditional cardiovascular risk factors for peripheral arterial disease in incident dialysis patients. *Advances in Chronic Kidney Disease*. 2007 Jul;14(3):304-313.

Beach MC, Duggan P, Moore RD. Is patients' preferred involvement in health decisions related to outcomes for patients with HIV? *Journal of General Internal Medicine*. 2007 Aug;22(8):1119-24.

Lanzkron S, Strouse JJ, Wilson R, **Beach MC**, Haywood C, Park H, Witkop C, Bass EB, Segal JB. Systematic review: Hydroxyurea for the treatment of adults with sickle cell disease. *Annals of Internal Medicine*. 2008 Jun 17;148(12):939-55.

Segal JB, Strouse JJ, **Beach MC**, Haywood C, Witkop C, Park H, Wilson RF, Bass EB, Lanzkron S. Hydroxyurea for the treatment of sickle cell disease. Evidence Report/Technology Assessment (Full Report). 2008 Mar;(165):1-95.

Roter DL, Larson SM, **Beach MC, Cooper LA**. Interactive and evaluative correlates of dialogue sequence: a simulation study applying the RIAS to turn taking structures. *Patient Education and Counseling*. 2008 Apr;71(1):26-33

Boulware LE, Troll MU, **Wang NY, Powe NR**. Perceived Transparency and Fairness of the Organ Allocation System and Willingness to Donate Organs: A National Study. *American Journal of Transplantation*. 2007 Jul;7(7):1778-1787.

Boulware LE. Challenges for Public Campaigns to Improve the Health of Persons at High Risk of Developing CKD. *American Journal of Kidney Diseases*. 2008 Apr; 51(4):535-538.

Jaar BG, Khatib R, Plantinga L, **Boulware LE, Powe NR**. Principles of screening for chronic kidney disease. *Clinical Journal of the American Society of Nephrology*. 2008 Mar;3(2):601-609.

Bonekamp S, Ghosh P, Crawford S, Solga SF, Horska A, **Brancati FL**, Diehl AM, Smith S, **Clark JM**. Quantitative comparison and evaluation of software packages for assessment of abdominal adipose tissue distribution by magnetic resonance imaging. *International Journal of Obesity*. 2008 Jan;32(1):100-111.

Cheung N, Wang JJ, Rogers SL, **Brancati F**, Klein R, Sharrett AR, Wong TY; ARIC (Atherosclerosis Risk In Communities) Study Investigators. Diabetic retinopathy and risk of heart failure. *Journal of the American College of Cardiology*. 2008 Apr 22;51(16):1573-8.

Liew G, Wang JJ, Klein R, Duncan BB, **Brancati F, Yeh HC**, Wong TY. The relationship between birthweight and early age-related maculopathy: the atherosclerosis risk in communities study. *Ophthalmic Epidemiology*. 2008 Jan-Feb;15(1):56-61.

Liew G, Wang JJ, Duncan BB, Klein R, Sharrett AR, **Brancati F, Yeh HC**, Mitchell P, Wong TY; Atherosclerosis Risk in Communities Study. Low birthweight is associated with narrower arterioles in Adults. *Hypertension*. 2008 Apr;51(4):933-8.

Solga SF, Horska A, Hemker S, Crawford S, Diggs C, Diehl AM, **Brancati FL, Clark JM**. Hepatic fat and adenosine triphosphate measurement in overweight and obese adults using 1H and 31P magnetic resonance spectroscopy. *Liver International*. 2008 May;28(5):675-81.

Bertoni, AG, **Clark JM**, Feeney P, Yanofski SZ, Bantle J, Montgomery B, Safford MM, Herman WH, Haffner SM for the Look AHEAD Research Group. Suboptimal control of glycemia, blood pressure, and LDL cholesterol in overweight adults with diabetes: The Look AHEAD Study. *Journal of Diabetes and its Complications*. 2008 Jan-Feb; 22(1)1-9.

Bray GA, Jablonski KA, Fujimoto WF, Barrett-Connor E, Haffner S, Hanson RL, Hill JO, Hubbard V, Kriska A, Stamm E, Pi-Sunyer FX for the Diabetes Prevention Program Research Group [includes **Clark JM**]. Relation of central adiposity and body mass index to the development of diabetes in the Diabetes Prevention Program. *American Journal of Clinical Nutrition*. 2008 May;87(5):1212-8.

Florez JC, Jablonski KA, McAteer J, Sandhu MS, Wareham NJ, Barroso I, Franks PW, Altshuler D, Knowler WC for the Diabetes Prevention Program [includes **Clark JM**]. Testing of diabetes-associated WFS1 polymorphisms in the Diabetes Prevention Program. *Diabetologia*. 2007 Dec 4;51:451-7.

Franks PW, Jablonski KA, Delahanty L, Hanson RL, Kahn SE, Altshuler D, Knowler WC, Florez JC for the Diabetes Prevention Program Research Group [includes **Clark JM**]. The Pro12Ala variant at the peroxisome proliferator-activated receptor gamma gene and change in obesity-related traits in the Diabetes Prevention Program. *Diabetologia*. 2007 Dec;50(12):2451-60.

Herman WH, Ma Y, Uwaifo G, Haffner S, Kahn SE, Horton ES, Lachin JM, Montez MG, Brenneman T, Barrett-Connor E for the Diabetes Prevention Program Research Group [includes **Clark JM**]. Differences in A1C by race and ethnicity among patients with impaired glucose tolerance in the Diabetes Prevention Program. *Diabetes Care*. 2007 Oct;30(10):2453-7.

Lazo M, **Selvin E**, **Clark JM**. Clinical Implications of Short-term Variability in Liver Function Test Results. *Annals of Internal Medicine*. 2008 Mar 4;148(5): 348-352.

Mather K, Funahashi T, Matsuzawa Y, Edelstein S, Bray G, Kahn S, Crandall J, Marcovina S, Goldstein B, Goldberg R for the DPP Research Group [includes **Clark JM**]. Adiponectin, change in adiponectin, and progression to diabetes in the Diabetes Prevention Program. *Diabetes*. 2008 Apr;57(4):980-6.

Rubin RR, Ma Y, Marrero DG, Peyrot M, Barrett-Connor EL, Kahn SE, Haffner SM, Price DW, Knowler WC for the Diabetes Prevention Program Research Group [includes **Clark JM**]. Elevated depression symptoms, antidepressant medicine use and risk of developing diabetes during the Diabetes Prevention Program. *Diabetes Care*. 2008 Mar;31(3):420-6.

Paez KA, Allen JK, Carson KA, **Cooper LA**. Provider and clinic cultural competence in a primary care setting. *Social Science and Medicine*. 2008 Mar;66(5):1204-16.

Price EG, Windish DM, Magaziner J, **Cooper LA**. Assessing validity of standardized patient ratings of medical students' communication behavior using the Roter interaction analysis system. *Patient Education and Counseling*. 2008 Jan;70(1):3-9.

Setse R, Grogan R, **Cooper LA**, Strobino D, **Powe NR**, Nicholson W. Weight loss programs for urban-based, postpartum African-American women: perceived barriers and preferred components. *Maternal and Child Health Journal*. 2008 Jan;12(1):119-27.

Street RL Jr, O'Malley KJ, **Cooper LA**, Haidet P. Understanding concordance in patient-physician relationships: personal and ethnic dimensions of shared identity. *Annals of Family Medicine*. 2008 May-Jun;6(3):198-205.

Washington DL, Bowles J, Saha S, Horowitz CR, Moody-Ayers S, Brown AF, Stone VE, **Cooper LA**; Writing group for the Society of General Internal Medicine, Disparities in Health Task Force. Transforming Clinical Practice to Eliminate Racial-Ethnic Disparities in Healthcare. *Journal of General Internal Medicine* 2008 May;23(5):685-91.

Washington DL, Shacter HE, Saha S, **Cooper LA**, Long JA. Update in health disparities. *Journal of General Internal Medicine*. 2007 Dec;22(12):1756-61.

Coresh J, Stevens LA, Levey AS. Chronic kidney disease is common: what do we do next? *Nephrology, Dialysis, Transplantation*. 2008 Apr;23(4):1122-5.

Coresh J, **Selvin E**, Stevens LA, Manzi J, Kusek JW, Eggers P, Van Lente F, Levey AS. Prevalence of chronic kidney disease in the United States. *JAMA*. 2007 Nov 7;298(17):2038-47.

Levey AS, Atkins R, **Coresh J**, Cohen EP, Collins AJ, Eckardt KU, Nahas ME, Jaber BL, Jadoul M, Levin A, **Powe NR**, Rossert J, Wheeler DC, Lameire N, Eknoyan G. Chronic kidney disease as a global public health problem: approaches and initiatives - a position statement from Kidney Disease Improving Global Outcomes. *Kidney International*. 2007 Aug;72(3):247-59.

Levin NW, Handelman GJ, **Coresh J**, Port FK, Kaysen GA. Reverse epidemiology: a confusing, confounding, and inaccurate term. *Seminars in Dialysis*. 2007 Nov-Dec;20(6):586-92.

Menon V, Shlipak MG, Wang X, **Coresh J**, Greene T, Stevens L, Kusek JW, Beck GJ, Collins AJ, Levey AS, Sarnak MJ. Cystatin C as a risk factor for outcomes in chronic kidney disease. *Annals of Internal Medicine*. 2007 Jul 3;147(1):19-27.

Merkin SS, Roux AV, **Coresh J**, Fried LF, Jackson SA, **Powe NR**. Individual and neighborhood socioeconomic status and progressive chronic kidney disease in an elderly population: The Cardiovascular Health Study. *Social Science & Medicine*. 2007 Aug;65(4):809-21.

Sanna S, Jackson AU, Nagaraja R, Willer CJ, Chen WM, Bonnycastle LL, Shen H, Timpson N, Lettre G, Usala G, Chines PS, Stringham HM, Scott LJ, Dei M, Lai S, Albai G, Crisponi L, Naitza S, Doheny KF, Pugh EW, Ben-Shlomo Y, Ebrahim S, Lawlor DA, Bergman RN, Watanabe RM, Uda M, Tuomilehto J, **Coresh J**, Hirschhorn JN, Shuldiner AR, Schlessinger D, Collins FS, Davey Smith G, Boerwinkle E, Cao A, Boehnke M, Abecasis GR, Mohlke KL. Common variants in the GDF5-UQCC region are associated with variation in human height. *Nature Genetics*. 2008 Feb;40(2):198-203.

Stevens LA, **Coresh J**, Feldman HI, Greene T, Lash JP, Nelson RG, Rahman M, Deysher AE, Zhang YL, Schmid CH, Levey AS. Evaluation of the modification of diet in renal disease study equation in a large diverse population. *Journal of the American Society of Nephrology*. 2007 Oct;18(10):2749-57.

Stevens LA, **Coresh J**, Schmid CH, Feldman HI, Froissart M, Kusek J, Rossert J, Van Lente F, Bruce RD 3rd, Zhang YL, Greene T, Levey AS. Estimating GFR using serum cystatin C alone and in combination with serum creatinine: a pooled analysis of 3,418 individuals with CKD. *American Journal of Kidney Diseases*. 2008 Mar;51(3):395-406.

Stevens LA, **Coresh J**, Levey AS. CKD in the elderly--old questions and new challenges: World Kidney Day 2008. *American Journal of Kidney Diseases*. 2008 Mar;51(3):353-7.

Stevens LA, Manzi J, Levey AS, Chen J, Deysher AE, Greene T, Poggio ED, Schmid CH, Steffes MW, Zhang YL, Van Lente F, Coresh J. Impact of creatinine calibration on performance of GFR estimating equations in a pooled individual patient database. *American Journal of Kidney Diseases*. 2007 Jul;50(1):21-35.

Volcik KA, Ballantyne CM, Braun MC, **Coresh J**, Mosley TH, Boerwinkle E. Association of the complement factor H Y402H polymorphism with cardiovascular disease is dependent upon hypertension status: The ARIC study. *American Journal of Hypertension*. 2008 May;21(5):533-8.

Arbelaez JJ, Ariyo AA, **Crum RM**, Fried LP, Ford DE. Depressive symptoms, inflammation, and ischemic stroke in older adults: A prospective analysis in the cardiovascular health study. *Journal of the American Geriatric Society*. 2007 Nov;55(11):1825-1830.

Crum RM, Storr CL, Ialongo N, Anthony JC. Is depressed mood in childhood associated with an increased risk for initiation of alcohol use during early adolescence? *Addictive Behaviors*. 2008 Jan;33(1):24-40.

Crum RM, Green KM, Storr CL, Chan YF, Ialongo N, Stuart EA, Anthony JC. Depressed mood in childhood and subsequent alcohol use through adolescence and young adulthood. *Archives of General Psychiatry*. 2008 Jun; 65(6):702-12.

Fothergill KE, Ensminger ME, Juon H, Robertson JA, **Crum RM**, Green KM. The impact of early school behavior and educational achievement on adult drug use disorders: A prospective study. *Drug and Alcohol Dependence*. 2008 Jan;92(1-3):191-199.

Terracciano A, Lockenhoff CE, **Crum RM**, Bienvenu OJ, Costa PT Jr. Five-Factor Model personality profiles of drug users. *BMC Psychiatry*. 2008 Apr 11;8(1):22. PMID: PMC2373294.

Meyer JM, Davis VG, Goff DC, McEvoy JP, Nasrallah HA, Davis SM, Rosenheck RA, **Daumit GL**, Hsiao J, Swartz MS, Stroup TS, Lieberman JA. Change in metabolic syndrome parameters with antipsychotic treatment in the CATIE Schizophrenia Trial: prospective data from phase 1. *Schizophrenia Research*. 2008 Apr;101(1-3):273-86.

Matanoski GM, Tonascia JA, Correa-Villaseñor A, Yates KC, **Fink N**, Elliott E, Sanders B, Lantry D. Cancer risks and low-level radiation in US shipyard workers. *Journal of Radiation Research(Tokyo)*. 2008 Jan;49(1):83-91.

Melamed ML, Eustace JA, Plantinga LC, Jaar BG, **Fink NE**, **Parekh RS**, **Coresh J**, Yang Z, Cantor T, **Powe NR**. Third-generation parathyroid hormone assays and all-cause mortality in incident dialysis patients: The CHOICE Study. *Nephrology, Dialysis. Transplantation*. 2008 May;23(5):1650-1658.

Zwolan TA, O'Sullivan MB, **Fink NE**, Niparko JK, and the CdaCI Investigative Team. Electric charge requirements of pediatric cochlear implant recipients enrolled in the CdaCI. *Otology & Neurotology*. 2008 Feb;29(2):143-148.

Ghods BK, Roter DL, **Ford DE**, Larson S, Arbelaez JJ, **Cooper LA**. Patient-Physician Communication in the Primary Care Visits of African Americans and Whites with Depression. *Journal of General Internal Medicine* 2008 May;23(5):600-6.

Hepner KA, Rowe M, Rost K, Hickey SC, Sherbourne CD, **Ford DE**, Meredith LS, Rubenstein LV. The effect of adherence to practice guidelines on depression outcomes. *Annals of Internal Medicine*. 2007 Sep 4;147(5):320-9.

Houston TK, **Ford DE**. A tailored Internet-delivered intervention for smoking cessation designed to encourage social support and treatment seeking: usability testing and user tracing. *Informatics for Health & Social Care*. 2008 Mar;33(1):5-19.

Hussain S, Taylor M, Waltermaurer E, McCauley J, **Ford DE**, Campbell JC, McNutt LA. Computer-administered screening of reproductive-aged women for diabetes risk in primary care settings, feasibility and acceptability of such screening, and validity of risk assessments based on self-reported weight. *Preventing Chronic Disease*. 2007 Jul;4(3):A54.

McGuire TG, Ayanian JZ, **Ford DE**, Henke RE, Rost KM, Zaslavsky AM. Testing for statistical discrimination by race/ethnicity in panel data for depression treatment in primary care. *Health Services Research*. 2008 Apr;43(2):531-51.

O'Toole TP, Pollini RA, **Ford DE**, Bigelow G. The effect of integrated medical-substance abuse treatment during an acute illness on subsequent health services utilization. *Medical Care*. 2007 Nov;45(11):1110-5.

O'Toole TP, Pollini R, Gray P, Jones T, Bigelow G, **Ford DE**. Factors identifying high-frequency and low-frequency health service utilization among substance-using adults. *Journal of Substance Abuse Treatment*. 2007 Jul;33(1):51-9.

Roter DL, Larson S, Sands DZ, **Ford DE**, Houston T. Can e-mail messages between patients and physicians be patient-centered? *Health Communication*. 2008 Jan-Feb;23(1):80-6.

Rubenstein LV, Rayburn NR, Keeler EB, **Ford DE**, Rost KM, Sherbourne CD. Predicting outcomes of primary care patients with major depression: development of a depression prognosis index. *Psychiatric Services (Washington, DC)*. 2007 Aug;58(8):1049-56.

Swanson KA, Bastani R, Rubenstein LV, Meredith LS, **Ford DE**. Effect of mental health care and shared decision making on patient satisfaction in a community sample of patients with depression. *Medical Care Research and Review*. 2007 Aug;64(4):416-30.

Thombs BD, Fuss S, Hudson M, Schieir O, Taillefer SS, Fogel J, **Ford DE**, Baron M; Canadian Scleroderma Research Group. High rates of depressive symptoms among patients with systemic sclerosis are not explained by differential reporting of somatic symptoms. *Arthritis and Rheumatism*. 2008 Mar 15;59(3):431-7.

Van Voorhees BW, Ellis JM, Gollan JK, Bell CC, Stuart SS, Fogel J, Corrigan PW, **Ford DE**. Development and Process Evaluation of a Primary Care Internet-Based Intervention to Prevent Depression in Emerging Adults. *Primary Care Companion to the Journal of Clinical Psychiatry*. 2007[Nov];9(5):346-355.

Amaral S, Hwang W, Fivush B, Neu A, Frankenfield D, **Furth S**. Serum albumin level and risk for mortality and hospitalization in adolescents on hemodialysis. *Clinical Journal of the American Society of Nephrology*. 2008 May;3(3):759-67.

Dodson JL, Diener-West M, Gerson AC, Kaskel FJ, **Furth SL**. An assessment of health related quality of life using the child health and illness profile-adolescent edition in adolescents with chronic kidney disease due to underlying urological disorders. *Journal of Urology*. 2007 Aug;178(2):660-5; discussion 665.

Fadowski JJ, Pierce CB, Cole SR, Moxey-Mims M, Warady BA, **Furth SL**. Hemoglobin decline in children with chronic kidney disease: baseline results from the chronic kidney disease in children prospective cohort study. *Clinical Journal of the American Society of Nephrology*. 2008 Mar;3(2):457-62.

Fadowski JJ, Frankenfield D, Amaral S, Brady T, Gorman GH, Warady B, **Furth SL**, Fivush B, Neu AM. Children on long-term dialysis in the United States: findings from the 2005 ESRD clinical performance measures project. *American Journal of Kidney Diseases*. 2007 Dec;50(6):958-66.

Goldstein SL, Gerson AC, **Furth S**. Health-related quality of life for children with chronic kidney disease. *Advances in Chronic Kidney Disease*. 2007 Oct;14(4):364-9.

Schwartz GJ, **Furth SL**. Glomerular filtration rate measurement and estimation in chronic kidney disease. *Pediatric Nephrology*. 2007 Nov;22(11):1839-48.

Sule SD, Fadrowski JJ, Fivush BA, Gorman G, **Furth SL**. Reduced albumin levels and utilization of arteriovenous access in pediatric patients with systemic lupus erythematosus (SLE). *Pediatric Nephrology*. 2007 Dec;22(12):2041-6.

Baydoun MA, **Gary TL**, Caballero BH, Lawrence RS, Cheskin L, Wang Y. Ethnic Differences in Dairy and Related Nutrient Consumption among US Adults, and Their Association with Obesity, Central Obesity, and the Metabolic Syndrome. *American Journal of Clinical Nutrition*. 2008 Jun;87(6):1914-25.

Ford JG, Howerton MW, Lai GY, **Gary TL**, Bolen S, Gibbons MC, Tilburt J, Baffi C, Tanpitukpongse TP, Wilson RF, **Powe NR**, Bass EB. Barriers to recruiting underrepresented populations to cancer clinical trials: a systematic review. *Cancer*. 2008 Jan 15;112(2):228-42.

Gary TL, Safford MM, Gerzoff RB, Ettner SL, Karter AJ, Beckles GL, Brown AF. Perception of Neighborhood Problems, Health Behaviors, and Diabetes Outcomes for Adults with Diabetes in Managed Care: The Translating Research Into Action for Diabetes (TRIAD) Study. *Diabetes Care*. 2008 Feb;31(2):273-278.

Karter AJ, Stevens MR, Gregg EW, Brown AF, Tseng C-W, Marrero DG, Duru OK, **Gary TL**, Piette JD, Waitzfelder B, Herman WH, Beckles GL, Safford MM, Ettner SL. Educational Disparities in Rates of Smoking Among Diabetic Adults: The Translating Research Into Action for Diabetes Study. *American Journal of Public Health*. 2008 Feb;98(2):365-70.

Karter AJ, Stevens MR, Brown AF, Duru OK, Gregg EW, **Gary TL**, Beckles GL, Tseng C-W, Marrero DG, Waitzfelder B, Herman WH, Piette JD, Safford MM, Ettner SL. Educational disparities in health behaviors among patients with diabetes: The Translating Research Into Action for Diabetes (TRIAD) Study. *BMC Public Health*. 2007 Oct 29;7:308. [9 pp.]

Kumanyika SK, Whitt-Glover M, **Gary TL**, Prewitt E, Odoms-Young AM, Banks-Wallace J, Beech BM, Hughes-Halbert C, Karanja H, Lancaster KJ, Samuel-Hodge CD. Expanding the Obesity Research Paradigm: Reaching African American Communities. *Preventing Chronic Disease*. 2007 Oct;4(4):A112. [22 pp.]

LaVeist T, Thorpe R, Bowen-Reid T, Jackson J, **Gary T**, Gaskin DJ, Browne DC. Exploring Health Disparities in Integrated Communities: Overview of the EHDIC Study. *Journal of Urban Health*. 2008 Jan; 85(1):11-21.

Tilburt J, Ford JG, Howerton MW, **Gary TL**, Lai GY, Bolen S, Baffi C, Wilson RF, Tanpitukpongse P, **Powe NR**, Bass EB, Sugarman J. Applying Justice in Clinical Trials for Under-represented Populations. *Clinical Trials*. 2007;4(3):264-9.

- Brotman DJ, **Golden SH**, Wittstein IS. The cardiovascular toll of stress. *Lancet*. 2007 Sep 22;370(9592):1089-100.
- Golden SH, Lee HB, Schreiner PJ, Roux AD, Fitzpatrick AL, Szklo M, Lyketsos C. Depression and type 2 diabetes mellitus: the multiethnic study of atherosclerosis. *Psychosomatic Medicine*. 2007 Jul;69(6):529-36.
- Golden SH**, Lazo M, Carnethon M, Bertoni AG, Schreiner PJ, Diez Roux AV, Lee H, Lyketsos C. Examining a Bidirectional Association Between Depressive Symptoms and Diabetes. *JAMA*. 2008 Jun;299(23):2751-9.
- Golden SH. A review of the evidence for a neuroendocrine link between stress, depression and diabetes mellitus. *Current Diabetes Reviews*. 2007 Nov;3(4):252-9.
- Golden SH**, Selvin E, Cunningham KE. Glycaemic status and cardiovascular disease in type 2 diabetes mellitus: re-visiting glycated haemoglobin targets for cardiovascular disease prevention. *Diabetes, Obesity and Metabolism*. 2007 Nov;9(6):792-8.
- Mezuk B, Eaton WW, **Golden SH**. Depression and Osteoporosis: Epidemiology and Potential Mediating Pathways. *Osteoporosis International*. 2008 Jan;19(1):1-12.
- Nicholson WK, Wilson LM, Witkop CT, Baptiste-Roberts K, Bennett WL, Bolen S, Barone BB, **Golden SH**, Gary TL, Neale DM, Bass EB. Therapeutic management, delivery, and postpartum risk assessment and screening in gestational diabetes. Evidence Report/ Technology Assessment (Full Report). 2008 Mar;(162):1-96.
- Taylor H, Liu, J, Wilson G, **Golden S**, Crook E, Claude B, Steffes M, Johnson W, Sung J. Distinct Component Profiles and High Risk among African Americans with the Metabolic Syndrome: The Jackson Heart Study. *Diabetes Care*. 2008 Jun;31(6):1248-1253.
- Vaidya D, Dobs A, Gapstur SM, **Golden SH**, Hankinson A, Liu K, Ouyang P. The association of endogenous sex hormones with lipoprotein subfraction profile in the Multi-Ethnic Study of Atherosclerosis. *Metabolism*. 2008 Jun;57(6):782-790.
- Yehia B, Epps K, **Golden SH**. Diagnosis and Management of Diabetic Ketoacidosis in Adults, *Hospital Physician*, 2008;44(3):21-26.
- Franco M, Orduñez P, Caballero B, Tapia Granados JA, Lazo M, Bernal JL, **Guallar E**, Cooper R. Impact of energy intake, physical activity, and population-wide weight loss on cardiovascular disease and diabetes mortality in Cuba, 1980-2005. *American Journal of Epidemiology*. 2007 Dec 15;166(2):1374-80.
- Menke A, **Guallar E**, Shiels MS, Rohrmann S, Basaria S, Rifai N, Nelson WG, Platz EA. The association of urinary cadmium with sex steroid hormone concentrations in a general population sample of US adult men. *BMC Public Health*. 2008 Feb 23;8:72. [7 pp.]
- Roberts CGP, **Guallar E**, Rodriguez A. Efficacy and safety of statin monotherapy in older adults: A meta-analysis. *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*. 2007Aug;62(8):879-87.

Gaston-Johansson F, **Hill-Briggs F**, Oguntomilade L, Bradley V, Mason P. Patient perspectives on disparities in healthcare from African-American, Asian, Hispanic, and Native American samples including a secondary analysis of the Institute of Medicine focus group data. *Journal of the National Black Nurses Association*. 2007 Dec;18(2):43-52.

Hill-Briggs F, Batts-Turner M, Gary TL, Brancati FL, Hill MN, Levine DL, Bone LR. Training community health workers as diabetes educators for urban African Americans: value added using participatory methods. *Progress in Community Health Partnerships*. 2007 Summer;1(2): 185-93.

Hill-Briggs F, Gemmell L. Problem solving in diabetes self-management and control: A systematic review of the literature. *Diabetes Educator*. 2007 Nov-Dec;33(6):1032-50.

Hill-Briggs F, Lazo M, Renosky R, Ewing C. Usability of a diabetes and cardiovascular disease education module in an African-American, diabetic sample with physical, visual, and cognitive impairment. *Rehabilitation Psychology*. 2008 Feb; 53(1):1-8.

Hill-Briggs F, Smith AS. Evaluation of diabetes and cardiovascular disease print patient education materials for use with low health literate populations. *Diabetes Care*. 2008 Apr;31(4):667-71.

Berthier-Schaad Y, **Kao WH, Coresh J**, Zhang L, Ingersoll RG, Stephens R, Smith MW. Reliability of high-throughput genotyping of whole genome amplified DNA in SNP genotyping studies. *Electrophoresis*. 2007 Aug;28(16):2812-7.

Iyengar SK, Abboud HE, Goddard KA, Saad MF, Adler SG, Arar NH, Bowden DW, Duggirala R, Elston RC, Hanson RL, Ipp E, **Kao WH**, Kimmel PL, **Klag MJ**, Knowler WC, **Meoni LA**, Nelson RG, Nicholas SB, Pahl MV, **Parekh RS**, Quade SR, Rich SS, Rotter JI, Scavini M, Schelling JR, Sedor JR, Sehgal AR, Shah VO, Smith MW, Taylor KD, Winkler CA, Zager PG, Freedman BI; Family Investigation of Nephropathy and Diabetes Research Group. Genome-wide scans for diabetic nephropathy and albuminuria in multiethnic populations: the family investigation of nephropathy and diabetes (FIND). *Diabetes* 2007 Jun;56(6):1577-85.

Kottgen A, **Kao WH**, Hwang SJ, Boerwinkle E, Yang Q, Levy D, Benjamin EJ, Larson MG, **Astor BC, Coresh J**, Fox CS. Genome-wide association study for renal traits in the Framingham Heart and Atherosclerosis Risk in Communities Studies. *BMC Medical Genetics*. 2008 Jun 3;9:49. [12 pp.]

Matteini AM, Walston JD, Fallin MD, Bandeen-Roche K, **Kao WH**, Semba RD, Allen RH, Guralnik J, Fried LP, Stabler SP. Markers of B-vitamin deficiency and frailty in older women. *Journal of Nutrition, Health & Aging*. 2008 May;12(5):303-8.

Post W, Shen H, Damcott C, Arking DE, **Kao WH**, Sack PA, Ryan KA, Chakravarti A, Mitchell BD, Shuldiner AR. Associations between genetic variants in the NOS1AP (CAPON) gene and cardiac repolarization in the old order Amish. *Human Heredity*. 2007 Jul;64(4):214-9.

Schelling JR, Abboud HE, Nicholas SB, Pahl MV, Sedor JR, Adler SG, Arar NH, Bowden DW, Elston RC, Freedman BI, Goddard KA, Guo X, Hanson RL, Ipp E, Iyengar SK, Jun G, **Kao WH**, Kasinath BS, Kimmel PL, **Klag MJ**, Knowler WC, Nelson RG, **Parekh RS**, Quade SR, Rich SS, Saad MF, Scavini M, Smith MW, Taylor K, Winkler CA, Zager PG, Shah VO; Family Investigation of Nephropathy and Diabetes Research Group. Genome-wide scan for estimated

glomerular filtration rate in multi-ethnic diabetic populations: the Family Investigation of Nephropathy and Diabetes(FIND). *Diabetes*. 2008 Jan;57(1):235-43.

Bazzano LA, Gu D, Reynolds K, Wu X, Chen CS, Duan X, Chen J, Wildman RP, **Klag MJ**, He J. Alcohol consumption and risk for stroke among Chinese men. *Annals of Neurology*. 2007 Dec;62(6):569-78.

Li S, Chen SC, Shlipak M, Bakris G, McCullough PA, Sowers J, Stevens L, Jurkovitz C, McFarlane S, Norris K, Vassalotti J, **Klag MJ**, Brown WW, Narva A, Calhoun D, Johnson B, Obialo C, Whaley-Connell A, Becker B, Collins AJ; Kidney Early Evaluation Program Investigators. Low birth weight is associated with chronic kidney disease only in men. *Kidney International*. 2008 Mar;73(5):637-42.

Sarafidis PA, Li S, Chen SC, Collins AJ, Brown WW, **Klag MJ**, Bakris GL. Hypertension awareness, treatment, and control in chronic kidney disease. *American Journal of Medicine*. 2008 Apr;121(4):332-40.

Tilburt JC, Dy SM, Weeks K, **Klag M**, **Young JH**. Associations between home remedy use and a validated self-reported adherence measure in an urban African-American population with poorly controlled hypertension. *Journal of the National Medical Association*. 2008 Jan;100(1):91-7.

Anderson DE, Parsons BA, McNeely JD, **Miller ER III**. Resting respiratory rate predicts salt sensitivity: Results of a clinical feeding trial in women. *Journal of the American Society of Hypertension*. 2007 Jul; 1(4):256-263.

Hemila H, Miller ER 3rd. Evidence-based medicine and vitamin E supplementation. *American Journal of Clinical Nutrition*. 2007 Jul;86(1):261-2; author reply 262-4.

Lauretani F, Semba RD, Bandinelli S, **Miller ER III**, Ruggiero C, Cherubini A, Guralnik JM, Ferrucci L. Plasma Polyunsaturated Fatty Acids and the Decline of Renal Function in Older Adults. *Clinical Chemistry*. 2008 Mar; 54(3): 475-81.

Ruggiero C, Cherubini A, **Miller E III**, Maggio M, Najjar SS, Lauretani F, Bandinelli S, Senin U, Ferrucci L. Usefulness of Uric Acid to Predict Changes in C-Reactive Protein and Interleukin-6 in 3-Year Period in Italians Aged 21 to 98 years. *American Journal of Cardiology*. 2007 Jul 1;100(1):115-121.

Barnoya, J, Mendoza-Lozano, C, **Navas-Acien A**. Secondhand smoke exposure in public places in Guatemala. Comparison with other Latin American Countries. *Cancer Epidemiology, Biomarkers & Prevention*. 2007 Dec 1;16(12):2730-5.

Barrientos T, Valdes-Salgado R, Reynales-Shigematsu LM, **Navas-Acien A**, Lazcano-Ponce E. [Exposición involuntaria a humo de tabaco en lugares públicos de la Ciudad de México]. *Revista de la Salud Publica de Mexico*. 2007;49:S205-S212. [Spanish]

Bleys J, **Navas-Acien A**, **Guallar E**. Serum selenium levels and all-cause, cancer, and cardiovascular mortality among US adults. *Archives of Internal Medicine*. 2008 Feb 25;168(4):404-10.

Bleys J, **Navas-Acien A**, **Guallar E**. Selenium and diabetes: more bad news for supplements. *Annals of Internal Medicine*. 2007 Aug 21;147(4):271-2.

- Navas-Acien A**, Bleys J, **Guallar E**. Selenium intake and cardiovascular risk - what is new? *Current Opinion in Lipidology*. 2008 Feb;19(1):43-9.
- Navas-Acien A**, Schwartz BS, Rothenberg SJ, Hu H, Silbergeld EK, **Guallar E**. Bone lead levels and blood pressure endpoints – a meta-analysis. *Epidemiology*. 2008 May;19(3):496-504.
- Stillman F, **Navas-Acien A**, Ma J, Ma S, Tang EA, Breyse P, Yang G, Samet JM. Secondhand Tobacco Smoke in Public Places in Urban and Rural China. *Tobacco Control*. 2007 Dec;16(4):229-34.
- Tellez-Plaza M, **Navas-Acien A**, Crainiceanu C, **Guallar E**. Cadmium exposure and hypertension in the 1999 - 2004 National Health and Nutrition Examination Survey (NHANES). *Environmental Health Perspectives*. 2008 Jan;116(1):51-6.
- Wipfli H, Avila-Tang E, **Navas-Acien A**, Onicescu G, Sungroul-Kim, Breyse P, Samet JM and the FAMRI Homes Study Investigators. Secondhand smoke exposure among women and children: evidence from 31 countries. *American Journal of Public Health*. 2008 Apr;98(4):672-679.
- Parekh RS, Kao WH, Meoni LA**, Ipp E, Kimmel PL, La Page J, Fondran C, Knowler WC, **Klag MJ**; Family Investigation of Nephropathy and Diabetes Research Group. Reliability of urinary albumin, total protein, and creatinine assays after prolonged storage: the Family Investigation of Nephropathy and Diabetes. *Clinical Journal of the American Society of Nephrology*. 2007 Nov;2(6):1156-62.
- Braunstein JB, Sherber NS, Schulman SP, Ding EL, **Powe NR**. Race, medical researcher distrust, perceived harm, and willingness to participate in cardiovascular prevention trials. *Medicine (Baltimore)*. 2008 Jan;87(1):1-9.
- Gaskin DJ, Spencer CS, Richard P, Anderson GF, **Powe NR**, Laveist TA. Do hospitals provide lower-quality care to minorities than to whites? *Health Affairs (Project Hope)*. 2008 Mar-Apr;27(2):518-27.
- Himelhoch S, **Powe NR**, Breakey W, Gebo KA. Schizophrenia, AIDS and the decision to prescribe HAART: results of a national survey of HIV clinicians. *Journal of Prevention & Intervention in the Community*. 2007;33(1-2):109-20.
- Hwang CW, Anderson GF, Diener-West M, **Powe NR**. Comorbidity and outcomes of coronary artery bypass graft surgery at cardiac specialty hospitals versus general hospitals. *Medical Care*. 2007 Aug;45(8):720-8.
- Nguyen GC, Bayless TM, **Powe NR**, Laveist TA, Brant SR. Race and health insurance are predictors of hospitalized Crohn's disease patients undergoing bowel resection. *Inflammatory Bowel Diseases*. 2007 Nov;13(11):1408-16.
- Segal JB, McNamara RL, Miller MR, **Powe NR**, Goodman SN, Robinson KA, Bass EB. WITHDRAWN: Anticoagulants or antiplatelet therapy for non-rheumatic atrial fibrillation and flutter. *Cochrane Database of Systematic Reviews*. 2007 Jul 18;(3):CD001938.

Köttgen A, **Selvin E**, Stevens LA, Levey AS, Van Lente F, **Coresh J**. Serum Cystatin C in the United States: the Third National Health and Nutrition Examination Survey (NHANES III). *American Journal of Kidney Diseases*. 2008 Mar;51(3):385-94.

Selvin E, Crainiceanu CM, **Brancati FL**, **Coresh J**. Short-term variability in measures of glycemia and implications for the classification of diabetes. *Archives of Internal Medicine*. 2007 July 23;167(14):1545-51.

Selvin E, Manzi J, Stevens LA, Van Lente F, Lacher DA, Levey AS, **Coresh J**. Calibration of Serum Creatinine in the National Health and Nutrition Examination Surveys (NHANES) 1988-1994, 1999-2004. *American Journal of Kidney Diseases*. 2007 Dec;50(6):918-26. And **Coresh J**, **Selvin E**, Stevens LA, Levey AS, Van Lente F. In Reply. *American Journal of Kidney Diseases*. 2008 Apr;51(4):709-710.

Francis HW, Buchman CA, Visaya JM, **Wang NY**, Zwolan TA, **Fink NE**, Niparko JK, the CDaCI Investigative Team. Surgical factors in pediatric cochlear implantation and their early effects on electrode activation and functional outcomes. *Otology & Neurotology*. 2008 Jun;29(4):502-508.

Li E, Wang N, **Wang NY**. Joint models for a primary endpoint and multiple longitudinal covariate processes. *Biometrics*. 2007 Dec;63(4):1068-78.

Lin FR, **Wang NY**, **Fink NE**, Quittner AL, Eisenberg LS, Tobey EA, Niparko JK, and the CDaCI Investigative Team. Assessing the use of speech and language measures in relation to parental perceptions of development after early cochlear implantation. *Otology & Neurotology*. 2008 Feb;29(2):208-213.

Wang NY, Eisenberg LS, Johnson KC, **Fink NE**, Tobey EA, Quittner AL, Niparko JK; CDaCI Investigative Team. Tracking development of speech recognition: longitudinal data from hierarchical assessments in the Childhood Development after Cochlear Implantation Study. *Otology & Neurotology*. 2008 Feb;29(2):240-5.

Wang NY, **Young JH**, **Meoni LA**, **Ford DE**, Erlinger TP, **Klag MJ**. Blood pressure change and risk of hypertension associated with parental hypertension: the Johns Hopkins Precursors Study. *Archives of Internal Medicine*. 2008 Mar 24;168(6):643-8.

Bolen S, Feldman L, Vassy J, Wilson L, **Yeh H-C**, Marinopoulos S, Wiley C, **Selvin E**, Wilson R, Bass EB, **Brancati FL**. Systematic Review: Comparative Effectiveness and Safety of Oral Medications for Type 2 Diabetes Mellitus. *Annals of Internal Medicine*. 2007 Sep 18;147(6):386-399. Erratum in: 2007 Dec 18;147(12):887-W258.

Bolen SD, Samuels TA, **Yeh HC**, Marinopoulos SS, McGuire M, Abuid M, **Brancati FL**. Failure to intensify antihypertensive treatment by primary care providers: a cohort study in adults with diabetes mellitus and hypertension. *Journal of General Internal Medicine*. 2008 May;23(5):543-50.

Kim ES, Samuels TA, **Yeh HC**, Abuid M, Marinopoulos SS, McCauley JM, **Brancati FL**. End-digit preference and the quality of blood pressure monitoring in diabetic adults. *Diabetes Care*. 2007 Aug;30(8):1959-63.

Liew G, Wang JJ, Klein R, Duncan BB, **Yeh HC, Brancati FL**, Mitchell P, Wong TY. Birth Weight is Not Related to Risk of Diabetic Retinopathy in Type 2 Diabetes: The Atherosclerosis Risk in Communities Study. *Current Eye Research*. 2008 Feb;33(2):193-8.

Yeh HC, Punjabi NM, **Wang NY**, Pankow JS, Duncan BB, Cox CE, **Selvin E, Brancati FL**. Cross-sectional and prospective study of lung function in adults with type 2 diabetes: the Atherosclerosis Risk in Communities (ARIC) study. *Diabetes Care*. 2008 Apr;31(4):741-6.

Levy H, **Young JH**. Perspectives from the clinic: will the average physician embrace personalized medicine? *Clinical Pharmacology and Therapeutics*. 2008 Mar;83(3):492-3.

Articles in Higher-Impact Journals (Impact Factors 5-10)

Furtado JD, Campos H, **Appel LJ**, Miller ER, Laranjo N, Carey VJ, Sacks FM. Effect of protein, unsaturated fat, and carbohydrate intakes on plasma apolipoprotein B and VLDL and LDL containing apolipoprotein C-III: results from the OmniHeart Trial. *American Journal of Clinical Nutrition*. 2008 Jun;87(6):1623-30.

Bray GA, Jablonski KA, Fujimoto WF, Barrett-Connor E, Haffner S, Hanson RL, Hill JO, Hubbard V, Kriska A, Stamm E, Pi-Sunyer FX for the Diabetes Prevention Program Research Group [includes **Clark JM**]. Relation of central adiposity and body mass index to the development of diabetes in the Diabetes Prevention Program. *American Journal of Clinical Nutrition*. 2008 May;87(5):1212-8.

Baydoun MA, **Gary TL**, Caballero BH, Lawrence RS, Cheskin L, Wang Y. Ethnic Differences in Dairy and Related Nutrient Consumption among US Adults, and Their Association with Obesity, Central Obesity, and the Metabolic Syndrome. *American Journal of Clinical Nutrition*. 2008 Jun;87(6):1914-25.

Hemila H, Miller ER 3rd. Evidence-based medicine and vitamin E supplementation. *American Journal of Clinical Nutrition*. 2007 Jul;86(1):261-2; author reply 262-4.

Astor BC, Hallan SI, **Miller ER 3rd**, Yeung E, **Coresh J**. Glomerular filtration rate, albuminuria, and risk of cardiovascular and all-cause mortality in the US population. *American Journal of Epidemiology*. 2008 May 15;167(10):1226-34.

Boulware LE, Troll MU, **Wang NY, Powe NR**. Perceived Transparency and Fairness of the Organ Allocation System and Willingness to Donate Organs: A National Study. *American Journal of Transplantation*. 2007; 7: 1778-1787.

Appel LJ, Wright JT Jr, Greene T, Kusek JW, Lewis JB, Wang X, Lipkowitz MS, Norris KC, Bakris GL, Rahman M, Contreras G, Rostand SG, Kopple JD, Gabbai FB, Schulman GI, Gassman JJ, Charleston J, Agodoa LY; African American Study of Kidney Disease and Hypertension Collaborative Research Group. The Long-term Effects of Renin-Angiotensin System Blocking Therapy and a Low Blood Pressure Goal on Progression of Hypertensive Chronic Kidney Disease in African-Americans. *Archives of Internal Medicine*. 2008 Apr 28;168(8):832-839.

Jehn ML, Brotman DJ, **Appel LJ**. Racial Differences in Diurnal Blood Pressure and Heart Rate Patterns. *Archives of Internal Medicine*. 2008 May 12;168(9): 996-1002.

Hallan S, **Astor B**, Romundstad S, Aasarød K, Kvenild K, **Coresh J**. Association of kidney function and albuminuria with cardiovascular mortality in older vs younger individuals: The HUNT II Study. *Archives of Internal Medicine*. 2007 Dec 10;167(22):2490-6.

Bleys J, **Navas-Acien A**, **Guallar E**. Serum selenium levels and all-cause, cancer, and cardiovascular mortality among US adults. *Archives of Internal Medicine*. 2008 Feb 25;168(4):404-10.

Selvin E, Crainiceanu CM, **Brancati FL**, **Coresh J**. Short-term variability in measures of glycemia and implications for the classification of diabetes. *Archives of Internal Medicine*. 2007 July 23;167(14):1545-51.

Wang NY, **Young JH**, **Meoni LA**, **Ford DE**, Erlinger TP, **Klag MJ**. Blood pressure change and risk of hypertension associated with parental hypertension: the Johns Hopkins Precursors Study. *Archives of Internal Medicine*. 2008 Mar 24;168(6):643-8.

Thombs BD, Fuss S, Hudson M, Schieir O, Taillefer SS, Fogel J, **Ford DE**, Baron M; Canadian Scleroderma Research Group. High rates of depressive symptoms among patients with systemic sclerosis are not explained by differential reporting of somatic symptoms. *Arthritis and Rheumatism*. 2008 Mar 15;59(3):431-7.

Levy H, **Young JH**. Perspectives from the clinic: will the average physician embrace personalized medicine? *Clinical Pharmacology and Therapeutics*. 2008 Mar;83(3):492-3.

Navas-Acien A, Bleys J, **Guallar E**. Selenium intake and cardiovascular risk - what is new? *Current Opinion in Lipidology*. 2008 Feb;19(1):43-9.

Mather K, Funahashi T, Matsuzawa Y, Edelstein S, Bray G, Kahn S, Crandall J, Marcovina S, Goldstein B, Goldberg R for the DPP Research Group [includes **Clark JM**]. Adiponectin, change in adiponectin, and progression to diabetes in the Diabetes Prevention Program. *Diabetes*. 2008 Apr;57(4):980-6.

Iyengar SK, Abboud HE, Goddard KA, Saad MF, Adler SG, Arar NH, Bowden DW, Duggirala R, Elston RC, Hanson RL, Ipp E, **Kao WH**, Kimmel PL, **Klag MJ**, Knowler WC, **Meoni LA**, Nelson RG, Nicholas SB, Pahl MV, **Parekh RS**, Quade SR, Rich SS, Rotter JI, Scavini M, Schelling JR, Sedor JR, Sehgal AR, Shah VO, Smith MW, Taylor KD, Winkler CA, Zager PG, Freedman BI; Family Investigation of Nephropathy and Diabetes Research Group. Genome-wide scans for diabetic nephropathy and albuminuria in multiethnic populations: the family investigation of nephropathy and diabetes (FIND). *Diabetes* 2007 Jun;56(6):1577-85.

Schelling JR, Abboud HE, Nicholas SB, Pahl MV, Sedor JR, Adler SG, Arar NH, Bowden DW, Elston RC, Freedman BI, Goddard KA, Guo X, Hanson RL, Ipp E, Iyengar SK, Jun G, **Kao WH**, Kasinath BS, Kimmel PL, **Klag MJ**, Knowler WC, Nelson RG, **Parekh RS**, Quade SR, Rich SS, Saad MF, Scavini M, Smith MW, Taylor K, Winkler CA, Zager PG, Shah VO; Family Investigation of Nephropathy and Diabetes Research Group. Genome-wide scan for estimated glomerular filtration rate in multi-ethnic diabetic populations: the Family Investigation of Nephropathy and Diabetes(FIND). *Diabetes*. 2008 Jan;57(1):235-43.

Herman WH, Ma Y, Uwaifo G, Haffner S, Kahn SE, Horton ES, Lachin JM, Montez MG, Brenneman T, Barrett-Connor E for the Diabetes Prevention Program Research Group [includes **Clark JM**]. Differences in A1C by race and ethnicity among patients with impaired glucose tolerance in the Diabetes Prevention Program. *Diabetes Care*. 2007 Oct;30(10):2453-7.

Raynor HA, Jeffery RW, Ruggiero AM, **Clark JM**, Delahanty LM; the Look AHEAD Research Group. Weight Loss Strategies Associated with Body Mass Index in Overweight Adults with Type 2 Diabetes at Entry into the Look AHEAD Trial. *Diabetes Care*. 2008 Mar 28.

Rubin RR, Ma Y, Marrero DG, Peyrot M, Barrett-Connor EL, Kahn SE, Haffner SM, Price DW, Knowler WC for the Diabetes Prevention Program Research Group [includes **Clark JM**]. Elevated depression symptoms, antidepressant medicine use and risk of developing diabetes during the Diabetes Prevention Program. *Diabetes Care*. 2008 Mar;31(3):420-6.

Gary TL, Safford MM, Gerzoff RB, Ettner SL, Karter AJ, Beckles GL, Brown AF. Perception of Neighborhood Problems, Health Behaviors, and Diabetes Outcomes for Adults with Diabetes in Managed Care: The Translating Research Into Action for Diabetes (TRIAD) Study. *Diabetes Care*. 2008 Feb;31(2):273-278.

Taylor H, Liu, J, Wilson G, **Golden S**, Crook E, Claude B, Steffes M, Johnson W, Sung J. Distinct Component Profiles and High Risk among African Americans with the Metabolic Syndrome: The Jackson Heart Study. *Diabetes Care*. 2008 Jun;31(6):1248-1253.

Hill-Briggs F, Smith AS. Evaluation of diabetes and cardiovascular disease print patient education materials for use with low health literate populations. *Diabetes Care*. 2008 Apr;31(4):667-71.

Kim ES, Samuels TA, **Yeh HC**, Abuid M, Marinopoulos SS, McCauley JM, **Brancati FL**. End-digit preference and the quality of blood pressure monitoring in diabetic adults. *Diabetes Care*. 2007 Aug;30(8):1959-63.

Yeh HC, Punjabi NM, **Wang NY**, Pankow JS, Duncan BB, Cox CE, **Selvin E**, **Brancati FL**. Cross-sectional and prospective study of lung function in adults with type 2 diabetes: the Atherosclerosis Risk in Communities (ARIC) study. *Diabetes Care*. 2008 Apr;31(4):741-6.

Florez JC, Jablonski KA, McAteer J, Sandhu MS, Wareham NJ, Barroso I, Franks PW, Altshuler D, Knowler WC for the Diabetes Prevention Program [includes **Clark JM**]. Testing of diabetes-associated WFS1 polymorphisms in the Diabetes Prevention Program. *Diabetologia*. 2007 Dec 4;51:451-7.

Franks PW, Jablonski KA, Delahanty L, Hanson RL, Kahn SE, Altshuler D, Knowler WC, Florez JC for the Diabetes Prevention Program Research Group [includes **Clark JM**]. The Pro12Ala variant at the peroxisome proliferator-activated receptor gamma gene and change in obesity-related traits in the Diabetes Prevention Program. *Diabetologia*. 2007 Dec;50(12):2451-60.

Tellez-Plaza M, **Navas-Acien A**, Crainiceanu C, **Guallar E**. Cadmium exposure and hypertension in the 1999 - 2004 National Health and Nutrition Examination Survey (NHANES). *Environmental Health Perspectives*. 2008 Jan;116(1):51-6.

Navas-Acien A, Schwartz BS, Rothenberg SJ, Hu H, Silbergeld EK, **Guallar E**. Bone lead levels and blood pressure endpoints – a meta-analysis. *Epidemiology*. 2008 May;19(3):496-504.

Chen X, Wang Y, **Appel LJ**, Mi J. Impacts of Measurement Protocols on Blood Pressure Tracking From Childhood Into Adulthood: A Metaregression Analysis. *Hypertension*. 2008 Mar; 51 (3): 642-9.

Elliott P, Kesteloot H, **Appel LJ**, Dyer AR, Ueshima H, Chan Q, Brown IJ, Zhao L, Stamler J; INTERMAP Cooperative Research Group. Dietary Phosphorus and Blood Pressure. *International Population Study on Macronutrients and Blood Pressure*. *Hypertension*. 2008 Mar;51(3):669-75.

Lien LF, Brown AJ, Ard JD, Loria C, Erlinger TP, Feldstein AC, Lin PH, Champagne CM, King AC, McGuire HL, Stevens VJ, Brantley PJ, Harsha DW, McBurnie MA, **Appel LJ**, Svetkey LP. Effects of PREMIER Lifestyle Modifications on Participants With and Without the Metabolic Syndrome. *Hypertension*. 2007 Oct;50(4):609-616.

Peterson GE, de Backer T, Gabriel A, Ilic V, Vagaonescu T, **Appel LJ**, Contreras G, Kendrick C, Rostand S, Phillips RA; African American Study of Kidney Disease Investigators. Prevalence and Correlates of Left Ventricular Hypertrophy in the African American Study of Kidney Disease Cohort Study. *Hypertension*. 2007Dec; 50(6):1033-1039.

Liew G, Wang JJ, Duncan BB, Klein R, Sharrett AR, **Brancati F**, **Yeh HC**, Mitchell P, Wong TY; Atherosclerosis Risk in Communities Study. Low birthweight is associated with narrower arterioles in Adults. *Hypertension*. 2008 Apr;51(4):933-8.

Stevens LA, **Coresh J**, Feldman HI, Greene T, Lash JP, Nelson RG, Rahman M, Deysher AE, Zhang YL, Schmid CH, Levey AS. Evaluation of the modification of diet in renal disease study equation in a large diverse population. *Journal of the American Society of Nephrology*. 2007 Oct;18(10):2749-57.

Segal JB, **Powe NR**. Prevalence of diagnosed chronic immune thrombocytopenic purpura in the US: analysis of a large US claim database: reply to a rebuttal. *Journal of Thrombosis and Haemostasis*. 2008 Mar 13;6(4):713.

Articles in Highest-Impact Journals (Impact Factors 10+)

Lanzkron S, Strouse JJ, Wilson R, **Beach MC**, Haywood C, Park H, Witkop C, Bass EB, Segal JB. Systematic review: Hydroxyurea for the treatment of adults with sickle cell disease. *Annals of Internal Medicine*. 2008 Jun 17;148(12):939-55.

Lazo M, **Selvin E**, **Clark JM**. Clinical Implications of Short-term Variability in Liver Function Test Results. *Annals of Internal Medicine*. 2008 Mar 4;148(5): 348-352.

Menon V, Shlipak MG, Wang X, **Coresh J**, Greene T, Stevens L, Kusek JW, Beck GJ, Collins AJ, Levey AS, Sarnak MJ. Cystatin C as a risk factor for outcomes in chronic kidney disease. *Annals of Internal Medicine*. 2007 Jul 3;147(1):19-27.

Hepner KA, Rowe M, Rost K, Hickey SC, Sherbourne CD, **Ford DE**, Meredith LS, Rubenstein LV. The effect of adherence to practice guidelines on depression outcomes. *Annals of Internal Medicine*. 2007 Sep 4;147(5):320-9.

Bleys J, **Navas-Acien A**, **Guallar E**. Selenium and diabetes: more bad news for supplements. *Annals of Internal Medicine*. 2007 Aug 21;147(4):271-2.

Bolen S, Feldman L, Vassy J, Wilson L, **Yeh H-C**, Marinopoulos S, Wiley C, **Selvin E**, Wilson R, Bass EB, **Brancati FL**. Systematic Review: Comparative Effectiveness and Safety of Oral Medications for Type 2 Diabetes Mellitus. *Annals of Internal Medicine*. 2007 Sep 18;147(6):386-399. Erratum in: 2007 Dec 18;147(12):887.

Crum RM, Green KM, Storr CL, Chan YF, Ialongo N, Stuart EA, Anthony JC. Depressed mood in childhood and subsequent alcohol use through adolescence and young adulthood. *Archives of General Psychiatry*. 2008 Jun; 65(6):702-12.

Astor BC, Yi S, Hiremath L, Corbin T, Pogue V, Wilkening B, Peterson G, Lewis J, Lash JP, Van Lente F, Gassman J, Wang X, Bakris G, **Appel LJ**, Contreras G. N-terminal prohormone brain natriuretic peptide as a predictor of cardiovascular disease and mortality in blacks with hypertensive kidney disease: the African American Study of Kidney Disease and Hypertension (AASK). *Circulation*. 2008 Apr 1;117(13):1685-92.

Svetkey LP, Stevens VJ, Brantley PJ, **Appel LJ**, Hollis JF, Loria CM, Vollmer WM, Gullion CM, Funk K, Smith P, Samuel-Hodge C, Myers V, Lien LF, Laferriere D, Kennedy B, Jerome GJ, Heinith F, Harsha DW, Evans P, Erlinger TP, Dalcin AT, Coughlin J, Charleston J, Champagne CM, Bauck A, Ard JD, Aicher K; Weight Loss Maintenance Collaborative Research Group. Comparison of strategies for sustaining weight loss: the weight loss maintenance randomized controlled trial. *JAMA*. 2008 Mar 12;299(10):1139-48.

Coresh J, **Selvin E**, Stevens LA, Manzi J, Kusek JW, Eggers P, Van Lente F, Levey AS. Prevalence of chronic kidney disease in the United States. *JAMA*. 2007 Nov 7;298(17):2038-47.

Golden SH, Lazo M, Carnethon M, Bertoni AG, Schreiner PJ, Diez Roux AV, Lee H, Lyketsos C. Examining a Bidirectional Association Between Depressive Symptoms and Diabetes. *JAMA*. 2008 Jun;299(23):2751-9.

Gupta R, Plantinga LC, **Powe NR**. Correction: Inaccurate classification and information reported in a study of statin use and sepsis in patients with chronic kidney disease. *JAMA*. 2008 Feb 20;299(7):765.

Cheung N, Wang JJ, Rogers SL, **Brancati F**, Klein R, Sharrett AR, Wong TY; ARIC (Atherosclerosis Risk In Communities) Study Investigators. Diabetic retinopathy and risk of heart failure. *Journal of the American College of Cardiology*. 2008 Apr 22;51(16):1573-8.

Brotman DJ, **Golden SH**, Wittstein IS. The cardiovascular toll of stress. *Lancet*. 2007 Sep 22;370(9592):1089-100.

Sanna S, Jackson AU, Nagaraja R, Willer CJ, Chen WM, Bonnycastle LL, Shen H, Timpson N, Lettre G, Usala G, Chines PS, Stringham HM, Scott LJ, Dei M, Lai S, Albai G, Crisponi L, Naitza S, Doheny KF, Pugh EW, Ben-Shlomo Y, Ebrahim S, Lawlor DA, Bergman RN, Watanabe RM, Uda M, Tuomilehto J, **Coresh J**, Hirschhorn JN, Shuldiner AR, Schlessinger D, Collins FS, Davey Smith G, Boerwinkle E, Cao A, Boehnke M, Abecasis GR, Mohlke KL. Common variants in the GDF5-UQCC region are associated with variation in human height. *Nature Genetics*. 2008 Feb;40(2):198-203.

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**FACULTY PRESENTATIONS: INVITED TALKS
AND SCIENTIFIC MEETINGS, 2007-2008**

Faculty Member	Presentation
<p>Cheryl Anderson</p>	<p>“Measurement of dietary outcomes in clinical trials”. University of Pennsylvania School of Medicine, Center for Clinical Epidemiology and Biostatistics, Philadelphia, PA, November 13, 2007.</p> <p>“Effects of macronutrient intake on self-reported appetite and fasting hormones (leptin, obestatin, and ghrelin): results from the Omni Heart trial,” Oral presentation at the 48th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Colorado Springs, CO, March 13-15, 2008.</p> <p>“Test of a biomarker for consumption of sweets in the Atherosclerosis Risk in Communities Magnetic Resonance Imaging (ARIC-MRI) Study,” Oral Presentation at the American Diabetes Association 68th Scientific Sessions, San Francisco, CA, June 4-8, 2008.</p>
<p>Lawrence Appel</p>	<p>Plenary Speaker, 62nd Congress of Cardiology, Sao Paulo, Brazil, September 2007.</p> <p>Plenary Speaker, “Nutrition and Hypertension,” 30th Annual Scientific Meeting of the Japanese Society of Hypertension, Okinawa, Japan, October 27, 2007.</p> <p>Food and Drug Administration Symposium on Dietary Sodium Recommendations, November 29, 2007.</p>
<p>Brad Astor</p>	<p>“Glomerular Filtration Rate Estimated by Cystatin C or Creatinine is an Independent Risk Factor for Cardiovascular Mortality in the US Population,” Annual Meeting of the American Society of Nephrology, San Francisco, California, November 2007.</p> <p>“Decreased GFR and Albuminuria: The Individual and Combined Risk with Incident CVD,” Annual Meeting of the American Society of Nephrology, San Francisco, California, November 2007.</p>
<p>Mary Catherine Beach</p>	<p>“Overview of Medical Ethics and Professionalism,” Apogee Physicians Continuing Medical Education Conference, Phoenix, AZ, November 2007.</p> <p>“Barriers and Interventions to Improve Appropriate Use of Therapy for Patients with Sickle Cell Disease,” NIH Consensus Development Conference: Hydroxyurea Treatment for Sickle Cell Disease, Bethesda, MD, February 2008.</p> <p>“Patient-centeredness as an indicator of quality,” Institute of Medicine Conference on Health Literacy, Disparities, and Quality Improvement, Newport Beach, CA, May 2008.</p> <p>“The Patient-Provider Relationship in HIV Care,” 18th Annual Clinical Care of the Patient with HIV Conference, Baltimore, MD, May 2008</p>

Faculty Member	Presentation
Mary Catherine Beach (continued)	<p>“Clinical and Patient-Reported Measures of Quality for Vaso-Occlusive Crisis,” 35th Anniversary of the Sickle Cell Disease Program-Sickle Cell Disease Association of America Convention, Washington, DC.</p> <p>“Is Health Literacy Associated With Patient and Physician Communication Behaviors?” International Conference on Communication in Healthcare, Charleston, SC.</p>
Ebony Boulware	<p>“Association of State and National Legislation with Living Kidney Donation Rates in the United States: a National Study,” American Transplant Congress International Meeting, Toronto, Canada, June 3, 2008.</p> <p>“Disparities in the Demand and Supply of Transplanted Kidneys in the United States,” Visiting Professor, Department of Medicine, MetroHealth Medical System, Cleveland Ohio, April 24, 2008.</p> <p>“Disparities in Perceptions of the Organ Allocation System and Willingness to Donate Organs,” Visiting Professor, Center for Health Disparities, MetroHealth Medical System, Cleveland Ohio, April 26, 2008.</p>
Frederick Brancati	<p>“Primary Prevention of Type 2 Diabetes,” Medical Grand Rounds, Chang Bing Hospital, Taiwan, Sponsored by Show Chwan Health System, Taiwan, August 9-15, 2007.</p> <p>“Diabetes in African Americans,” First Annual Andrew Kaplan Memorial Lecture, UNC, Chapel Hill, NC, Sponsored by the University of North Carolina, November 15, 2007.</p> <p>“Diabetes and Cardiovascular Disease: An Epidemiologic Perspective,” Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain, Sponsored by CNIC, Spain March 25-31, 2008.</p> <p>“Type 2 Diabetes and Cancer,” Moskowitz Memorial Lecture, Boston University, Boston, MA, Sponsored by Boston University, March 14, 2008.</p> <p>“Predicting Type 2 Diabetes in Community Settings,” ADA Symposium on Diabetes Screening & Risk Prediction, Sponsored by the American Diabetes Association, San Francisco, CA, June 7, 2008.</p> <p>“Health Disparities in Diabetes: Patient-Level Factors,” Symposium on Health Disparities, NIH, Bethesda, MD, Sponsored by NIDDK, June 30, 2008.</p>
Lisa Cooper	<p>Panel Member, Advancing Healthcare, Improving Lives, and Leading Change. General Electric African American Forum’s Expressions of Leadership. Crotonville, NY, September 5-6, 2007.</p> <p>“Racial and Ethnic Disparities in Health: The Role of Patient-Centered Care,” Bowman Society Lecture, University of Chicago Pritzker School of Medicine, Chicago, IL, September 27, 2007.</p> <p>“Racial Disparities in Healthcare and the Patient-Physician Relationship,” Leadership Forum, Harvard Medical School, Boston, MA, October 25, 2007.</p>

Faculty Member	Presentation
<p>Lisa Cooper (continued)</p>	<p>“Eliminating Racial Disparities in Healthcare: The Role of Patient-Physician Relationships,” Medical Education Grand Rounds, Vanderbilt University School of Medicine, Nashville, TN, November 8, 2007.</p> <p>“Eliminating Racial Disparities in Healthcare: The Role of Patient-Centered Care,” Martin Luther King Distinguished Visiting Professor at Duke University Department of Medicine, Durham, NC, January 18, 2008.</p> <p>“Clinical Crossroads: A 41-Year-Old African American Man with Poorly Controlled Hypertension,” The Sara and Arnold Greenberg Lecture in Primary Care Medicine, Division of General Medicine and Primary Care, Department of Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, February 28, 2008.</p> <p>“Race Relationships and Healthcare Disparities: Let’s Talk About It,” Third Annual Allen Edwards Lectureship in Psychology, University of Washington, Seattle, WA, March 5, 2008.</p> <p>“Race, Ethnicity & Gender: Lessons for Culturally Appropriate Care Models for Depression,” Distinguished Lectures of Insight, Innovation and Impact Series, Louis de la Parte Florida Mental Health Institute, University of South Florida, Tampa, FL, March 25, 2008.</p> <p>“Approaches to Enhancing Diversity within One’s Work Unit: Applying Lessons Learned from the National Initiative on Gender, Culture and Leadership in Medicine: C – Change.” Workshop at SGIM Annual Meeting, Pittsburgh, PA, April 11, 2008.</p> <p>“Translating Patient-Centered Strategies into Clinical Practice to Overcome Healthcare Disparities,” Accelerating the Dissemination and Translation of Clinical Research into Practice, Natchez Center, National Institutes of Health, Bethesda, MD, May 9, 2008.</p> <p>“Clinician Racial Bias, Communication, and Patient Experiences of Healthcare,” AcademyHealth Annual Meeting, Disparities Interest Group, Washington DC, June 10, 2008.</p> <p>“Eliminating Disparities in Healthcare: The Role of Health Professionals,” Diabetes and Obesity Disparities in Health Systems Conference, Natchez Conference Center, National Institutes of Health, Bethesda, MD, June 30, 2008.</p>
<p>Josef Coresh</p>	<p>“CVD Risk in CKD: Serum Creatinine, Cystatin, and Albuminuria,” The American Society of Nephrology Renal Week Conference: CKD and CVD from the Vascular Viewpoint: Merging Basic and Clinical Sciences to Optimize Treatment - Assessing Risk and Assessing Benefit, San Francisco, CA, November 2007.</p> <p>“Cystatin C in the US Population: What Do We Know?” The American Society of Nephrology Renal Week Conference: Measures of Kidney Function Beyond Creatinine, San Francisco, CA, November 2007.</p>

Faculty Member	Presentation
Josef Coresh (continued)	“Are There 8 Million People with CKD Stages 3-5 in the US?” The American Society of Nephrology Renal Week Conference: Debates in Renal Disease, San Francisco, CA, November 2007.
Rosa Crum	<p>“DNA repair genotypes associated with benign breast disease in women at high breast cancer risk,” 44th American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, May 30-June 3, 2008.</p> <p>“Sub-clinical specific phobia and the onset of alcohol use disorders: Longitudinal associations from the Baltimore ECA Follow-Up,” Anxiety Disorders Association of America, 28th Annual Conference, Savannah, GA, March 6-9, 2008.</p>
Gail Daumit	“Intervention Program for Weight Gain in Schizophrenia,” Annual Maryland Schizophrenia Conference, November 2007.
Susan Furth	<p>“What can we learn from the US Observational CKD Childhood Study?” 14th Congress of the International Pediatric Nephrology Association, Budapest, HU, September 1, 2007.</p> <p>“Malnutrition-inflammation syndrome and growth in CKD,” 14th Congress of the International Pediatric Nephrology Association, Budapest, HU, September 3, 2007.</p> <p>“Use of Iohexol in Measuring GFR in Chronic Kidney Disease in Childhood,” in ‘Measures of Kidney Functions Beyond Creatinine Session,’ American Society of Nephrology Renal Week, San Francisco, CA, November 3, 2007</p> <p>“Update on CKiD Study,” Montefiore Pediatric and Renal Grand Rounds, Bronx, NY, January 16, 2008.</p> <p>“Update on CKiD Study,” Mount Sinai Pediatric Grand Rounds, New York, NY January 17, 2008.</p> <p>“CKiD – What We have Learned in the First 5 Years,” Pediatric Academic Society & Asian Society for Pediatric Research Joint Meeting, American Society of Pediatric Nephrology Session, Honolulu, HI, May 5, 2008.</p> <p>Invited Participant, Workshop on Assessment of Kidney Function and Damage, National Institute of Diabetes and Digestive and Kidney Diseases, June 9-10, 2008.</p>
Tiffany Gary	<p>“Food Availability, Neighborhood Socioeconomic Status, and Dietary Patterns among African Americans with Type 2 Diabetes Mellitus,” Oral Presentation at the 6th International Conference on Urban Health, Baltimore, MD, November 2007.</p> <p>“Ethnic Disparities in Obesity between African Americans and Whites: Recognizing Cultural and Environmental Components,” Nutrition Center Seminar, The Children’s Hospital of Pennsylvania, Philadelphia, PA, December 2007.</p>

Faculty Member	Presentation
<p>Tiffany Gary (continued)</p>	<p>“Translating Research into Real World Clinics and Community: Project Sugar 2,” Epidemiology and Biostatistics Department, Drexel University School of Public Health, Philadelphia, PA, December 2007.</p> <p>“Translating Research into Real World Clinics and Community: Project Sugar 2” and “Tips on Getting Published,” Society of the Analysis of African American Public Health Issues (SAAPHI), Scientific Symposium, Annual Sessions of the American Public Health Association, Washington, DC, November 2007.</p> <p>“The Obesity Society 2007 Annual Scientific Meeting: Observations and Research Opportunities for AACORN,” AACORN business meeting at the Obesity Society 2007 Annual Scientific Meeting, New Orleans, LA, October 2007.</p> <p>“Ethnic Disparities in Obesity between African Americans and Whites: Recognizing Cultural and Environmental Components,” Seminar at the United States Department of Agriculture (USDA), Powder Hill, MD, October 2007.</p> <p>“Improving Diabetes Care and Control among African Americans” Endocrine Clinical Conference, Division of Endocrinology, University of Pennsylvania School of Medicine, Philadelphia, PA, September 2007.</p> <p>“The Science of Addressing Obesity among African Americans” 34th Annual Meeting of the American Association of Diabetes Educators (AADE). St. Louis, MO, August 2007.</p>
<p>Sherita Golden</p>	<p>“Diabetes Among African Americans in the U. S.,” Diabetes, Insulin, and Nutritional Strategies: Optimizing Insulin Therapy in African Americans, Sponsored by the Joslin Diabetes Center (Boston, MA), Chicago, IL, September 8, 2007.</p> <p>“Diabetes and Dementia,” 3rd Annual Pythias A. and Virginia I. Jones African American Forum on Memory Loss, Coppin State University, Baltimore, MD, November 10, 2007.</p> <p>“Update on Standards of Care: Diabetes/Cardiovascular Diseases,” 6th Annual Diabetes/Heart Disease and Stroke Winter Symposium, Sponsored by the Medical University of South Carolina and the South Carolina Department of Health and Environmental Control, Myrtle Beach, SC, February 23, 2008.</p> <p>“Prevention of Cardiovascular Disease in Diabetes: Established and Controversial Strategies,” Medical Grand Rounds, Winchester Medical Center, Winchester, VA, May 7, 2008.</p> <p>“The Neuroendocrinology of Stress and Metabolic Dysfunction,” Dr. John H. Hopps, Jr. Research Scholars Program, Department of Psychology, Morehouse College, Atlanta, GA, April 25, 2008.</p>

Faculty Member	Presentation
Eliseo Guallar	<p>“Careers in Epidemiology,” Jornada Cicerone: Lo que necesitas saber sobre la investigación cardiovascular, National Center for Cardiovascular Research (CNIC), Madrid, Spain, September 2007.</p> <p>“Vitamin supplements and cardiovascular risk,” SEC 2007: Congress of the Spanish Society of Cardiology, Madrid, Spain, October 2007.</p> <p>“Metals and cardiovascular disease,” XXI National Congress of the Spanish Society of Arteriosclerosis (SEA), Madrid, Spain, June 2008.</p> <p>“Evaluation of risk factors presumed to influence mortality,” American Council of Life Insurers (ACLI) Medical Session, Annual Meeting, Washington, DC, June 2008.</p> <p>“Trace elements and diabetes - selenium, iron, chromium, and other potential determinants of diabetes risk,” 68th Scientific Sessions, American Diabetes Association, San Francisco, CA, June 2008.</p>
Felicia Hill-Briggs	<p>“Challenges to providing culturally appropriate care in medical rehabilitation: defining an evidence-based behavioral research agenda and examining recent advances,” Invited talk presented at Center for Capacity-Building Conference on Disability, Race, and Culture, University of Illinois at Chicago, Chicago, IL, July 2007.</p> <p>“Understanding patient problem-solving training: assessment, intervention, and cognitive development,” Invited keynote presentation at American Association of Diabetes Educators Annual Meeting (AADE), St. Louis, MO, August 2007.</p> <p>“Systematic review of problem solving in diabetes self-management,” Invited talk presented at American Association of Diabetes Educators (AADE) Annual Meeting, AADE 7 Symposium, St. Louis, MO, August 2007.</p> <p>“Achieving cultural competence and evidence-based practice: a framework for research in disability and medical rehabilitation,” Invited talk presented at Health Disparities Summit, sponsored by Centers for Disease Control and Prevention (CDC) and Interagency Committee on Disability Research (ICDR), Washington, DC, September 2007.</p> <p>“Empowering Patients through Self-Care: Problem Solving,” Invited talk presented at the European Leadership Summit on Chronic Care, Amsterdam, Netherlands, December 4, 2007.</p>
Michael Klag	<p>“Summary and Introduction of the New One Medicine Center,” 144th American Veterinary Medical Association Annual Convention, Washington, DC, July 17, 2007.</p> <p>“Current Perspectives on Public Health,” Maryland Public Health Association, Johns Hopkins Club, Baltimore, MD, September 5, 2007.</p>

Faculty Member	Presentation
Michael Klag (continued)	<p>“Future Healthcare Needs/Services, and Inequities,” Leadership, Healthcare Needs, Training Workshop, Mt. Washington Conference Center, Baltimore, MD, September 28, 2007.</p> <p>“Emerging Infections” and “New Diagnostics,” 24 Cubed – A Global Health Event, Aspen Meadows and Resort Conference Center, Aspen, CO, October 6 and 7, 2007.</p> <p>“Public Health in the 21st Century,” Peking Union Medical College 90th Anniversary Ceremony, Beijing, China, October 13, 2007.</p>
Edgar Miller	<p>[Several lectures], Visiting Professor, Chunshang Show Chwan Hospital, Taiwan, August 2007.</p> <p>“Long-term Effects of Recommended Antihypertensive Therapy on Progression of CKD in African- Americans: The AASK Cohort study,” American Society of Kidney Disease, San Francisco, CA, November 2007.</p> <p>“Antioxidant supplements therapy – A review of the evidence,” The Clay Street Foundation, Cincinnati, Ohio, May 20, 2008.</p>
Ana Navas-Acien	<p>”Lead exposure and cardiovascular disease - beyond blood pressure,” International Society for Environmental Epidemiology 19th Conference, Mexico City, Mexico, September, 2007</p> <p>“Bone versus blood lead as determinants of blood pressure and hypertension – a meta-analysis,” International Society for Environmental Epidemiology 19th Conference, Mexico City, Mexico, September, 2007.</p> <p>“Total urine arsenic and arsenic species in American Indian communities over a 10-year period - The Strong Heart Study,” 2nd International Congress on Arsenic in the Environment—From Nature to Humans, Valencia, Spain, May, 2008.</p>
Rulan Parekh	<p>“Burden of Cardiovascular Disease in ESRD”, Nephrology Grand Rounds, Henry Ford Hospital, Detroit, MI, September 24, 2007.</p> <p>“Burden of Cardiovascular Disease in ESRD”, Nephrology Grand Rounds, University of Toronto, Canada, September 26, 2007.</p> <p>“Long-Term Cardiovascular Complications in Pediatric Transplantation” Pediatric Academic Societies’ Annual Meeting: American Society of Pediatric Nephrology Symposium, Honolulu, HI, May 6, 2008.</p>
Neil Powe	<p>“Physician involvement, Sit-Down Rounds, and Practice Guidelines in Dialysis Care: What we have learned from the CHOICE Study?”, 10th International Conference on Dialysis, Advances in Chronic Kidney Disease, Cancun, Mexico, January 15, 2008.</p> <p>“Racial and Ethnic Disparities in the Optimal Delivery of Chronic Kidney Disease,” Plenary address, 40th Annual Meeting of the American Society of Nephrology, San Francisco, CA, November 5, 2007.</p>

Faculty Member	Presentation
Neil Powe (continued)	<p>“Chronic Kidney Disease: Understanding and Conquering Race and Ethnic Disparities, Medicine Grand Rounds, Albert Einstein College of Medicine and Montefiore Medical Center, New York, NY, February 21, 2008.</p> <p>“From Rags to Riches: Rising from Academic Poverty to Academic Wealth,” Keynote address, NIDDK Network of Minority Research Investigators 7th Annual Workshop, Bethesda, MD, April 23, 2008.</p> <p>“Health Disparities as a Focal Point in Clinical and Translational Research: Lessons from chronic kidney disease,” Inaugural Lecture of the Atlanta Clinical and Translational Science Institute, Emory University, Morehouse College of Medicine and Grady Hospital, Atlanta, GA, May 28, 2008.</p> <p>“A Researcher’s Perspective on Quality Improvement Research,” Quality Improvement at a Crossroads Session, AcademyHealth 25th Annual Research Meeting, Washington, DC, June 9, 2008.</p> <p>“Leadership and Mentoring,” Career Development Symposium: Life After K, National Institute of Diabetes and Digestive and Kidney Diseases, Washington, DC, June 19, 2008.</p> <p>“Negotiating Skills,” Career Development Symposium: Life After K. National Institute of Diabetes and Digestive and Kidney Disease, Washington, DC, June 19, 2008.</p>
Elizabeth Selvin	<p>“Glycemia and Cardiovascular Disease,” Epidemiology Research Seminar Series, School of Public Health, University of California, Berkeley, November 16, 2007.</p>
Nae-Yuh Wang	<p>“The Johns Hopkins Precursors Study: 58 Years of Follow-up and Still Going,” Medical Forum with the Johns Hopkins University School of Medicine, Chang-Bing Show-Chwan Medical Center, Chang-Hwa, Taiwan, August 12, 2007.</p>
Jessica Yeh	<p>“Diabetes and Cancer Incidence and Mortality: A Population-based cohort study in Washington County, MD,” George W. Comstock Center for Public Health Research and Prevention, Hagerstown, MD, 2007.</p>

FACULTY AWARDS AND RECOGNITION, 2007-2008

Faculty	Recognition
Lawrence Appel	Distinguished Lecturer, University of Mississippi Office of Research, 2007
	David M. Levine Excellence in Mentoring Award, 2008
Mary Catherine Beach	Invited by the National Committee on Quality Assurance (NCQA) to attend a Roundtable Discussion of experts to develop a patient-centered medical home evaluation, 2007
	Invited by the National Committee on Quality Assurance (NCQA) to attend a Roundtable Discussion of experts to set standards for certification of the patient-centered medical home, 2008
Ebony Boulware	Clinician-Investigator Award, Mid-Atlantic Region, Society of General Internal Medicine, 2007
Frederick Brancati	Kaplan Visiting Professor, Department of Medicine, University of N. Carolina, 2007
	Moskowitz Visiting Professor, Department of Medicine, Boston University, 2008
Lisa Cooper	MacArthur Fellowship Award, The John D. and Catherine T. MacArthur Foundation, Selected 2007
	Elected to Delta Omega Public Health Honorary Society, Alpha Chapter, 2008
	Honored as "Exceptional Reviewer" in top 5% of reviewers for <i>Medical Care</i>
Sherita Golden	Elected as Fellow, American Heart Association, 2007
Felicia Hill-Briggs	Promising Young Investigator, Clinical Research, Johns Hopkins School of Medicine, Dean's Visit and Award, 2007
	Service Excellence recognition, Johns Hopkins International Medicine Office, 2007
	Elected Member Delegate, Board of Directors, Society of Behavioral Medicine, 2007-2010 term
	Appointed National Chair, Council on Behavioral Medicine and Psychology, American Diabetes Association
Rulan Parekh	The Advising, Teaching and Mentoring Award (AMTRA), Bloomberg School of Public Health, 2007
Neil Powe	Distinguished University Service Professor, Johns Hopkins University, 2008
Elizabeth Selvin	Honored in top 10% of reviewers in 2007 for <i>Annals of Internal Medicine</i>

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FACULTY TEACHING ACTIVITIES, 2007-2008

The Center conducts important training activities in clinical research and clinical epidemiology for junior faculty, trainees (including clinical fellows), medical residents, medical students and public health students. Faculty members lead major courses in the Schools of Medicine and Public Health, and are involved in a variety of important activities critical to the research and training at both schools. These activities include: leadership of the required clinical epidemiology course for medical students, leadership of master's and doctoral programs in clinical and cardiovascular epidemiology, leadership of clinical research courses for post-doctoral fellows, leadership of the biostatistical cores for Hopkins' Clinical Research Centers, clinical research training and mentorship for students in the Medical Scientist Training Program (MD/PhD) who are focusing in clinical research, and leadership of the NIH Roadmap Multidisciplinary Clinical Research Career Development Program (K12).

During the 2007-2008 year, members of the Welch Center's core faculty directed 18 credit courses and 3 non-credit courses and taught in another 18 credit and 2 non-credit courses in the School of Public Health. In the School of Medicine, Welch Center faculty members directed 2 credit courses and 3 non-credit courses, and taught in another 9 credit courses and 11 non-credit courses. Welch Center faculty members also taught in one credit course in the School of Nursing.

Faculty	Course	Faculty role	JHU Division
Cheryl Anderson	Epidemiologic Methods	Laboratory Instructor	Public Health
	Principles of Epidemiology (Summer Institute)	Laboratory Instructor	Public Health
Lawrence Appel	Clinical Trials: Issues and Controversies	Director	Public Health
	Cardiovascular Epidemiology	Lecturer	Public Health
	Clinical Preventive Medicine	Lecturer	Medicine
	Methods in Clinical Research	Small Group Leader	Public Health
Brad Astor	Biological Basis of Cardiovascular Disease	Director	Public Health
	Epidemiologic and Preventative Aspects of Cardiovascular Disease	Lecturer	Public Health
	Clinical Epidemiology	Lecturer/Small Group Instructor	Medicine
	Observational Epidemiology	Co-Director	Public Health
	Introduction to Biomedical Sciences	Lecturer	Public Health

Faculty	Course	Faculty role	JHU Division
Marian Batts-Turner	Practical Skills in Planning, Organizing and Conducting Clinical Research in Epidemiology	Instructor	Public Health
Mary Catherine Beach	Physician and Society	Lecturer	Medicine
	T32 Summer Program	Lecturer	Medicine
	Longcope Firm	Faculty	Medicine
Ebony Boulware	Clinical Epidemiology and Outcomes Research	Co-Director	Public Health
	CASE-2 Research Elective in Clinical Epidemiology	Faculty	Medicine
Frederick Brancati	Clinical Research Track CASE 2	Co-Director	Medicine
	Clinical Epidemiology	Co-Director	Medicine
	Introduction to Diabetes and Obesity Epidemiology	Co-Director	Public Health
	Cardiovascular Disease Epidemiology	Lecturer	Public Health
	Welch Center Clinical Research Methods Course	Preceptor	Public Health
	Graduate Training Program in Clinical Investigation: Seminar	Lecturer	Public Health
	Osler Housestaff Journal Club	Founder & Director	Medicine
	Janeway Firm	Faculty	Medicine
	Internal Medicine Consultation Service	Attending Physician	Medicine
Jeanne Clark	Clinical Epidemiology	Instructor/ Lecturer	Medicine
	Communication Skills Module for JHBMC Faculty Development Teaching Skills Course	Instructor	Medicine
	JHU Internal Medicine Internet-based Program for Ambulatory Care Education: Obesity Module	Author/ Instructor	Medicine
	Methods in Clinical Research	Small Group Leader	Public Health
	Introduction to Diabetes and Obesity Epidemiology	Faculty	Public Health
	Introduction to Diabetes and Obesity Epidemiology (Graduate Summer Institute of Epidemiology and Biostatistics)	Faculty	Public Health
	Barker Firm	Faculty, Attending	Medicine
	Osler Housestaff Journal Club	Instructor	Medicine

Faculty	Course	Faculty role	JHU Division
Lisa Cooper	Special Lecture, "Race Relationships and Disparities in Healthcare" (Summer Epidemiology Program)	Lecturer	Public Health
	Patient, Physician and Society	Lecturer	Medicine
Josef Coresh	Cardiovascular Disease Epidemiology	Director	Public Health
	Clinical Epidemiology	Director	Medicine
	Molecular Epidemiology	Lecturer	Public Health
	Quantitative Analysis of Clinical Data	Lecturer	Medicine
Rosa Crum	Principles of Epidemiology	Director	Public Health
	Research in Progress Program in Clinical Epidemiology	Co-Director	Public Health
	Concentration in Epidemiologic and Biostatistical Methods for Public Health and Clinical Research	Co-Director	Public Health
Gail Daumit	Welch Center Research Seminar (Journal Club)	Co-Director	Public Health
	Ambulatory Medicine Clerkship (Bayview)	Lecturer	Medicine
Nancy Fink	Practical Skills in Planning, Organizing and Conducting Clinical Research in Epidemiology	Co-Director	Public Health
Daniel Ford	Clinical Preventive Medicine	Director	Medicine
	Introduction to Medicine: Clinical Skills	Instructor	Medicine
	Basic Pharmacology	Lecturer	Medicine
	Fundamentals of Clinical Preventive Medicine	Director	Public Health
	Principles of Clinical Epidemiology	Director	Public Health
	Epidemiologic and Preventive Aspects of Cardiovascular Disease	Lecturer	Public Health
Susan Furth	Introduction to Grant Writing for Clinical Researchers	Director	Public Health
	Clinical Epidemiology Research in Progress Seminar	Lecturer	Public Health
	Pediatric Resident Lecture Series	Lecturer	Medicine
	Inpatient Nephrology Service	Attending Physician	Medicine
	Outpatient Nephrology Clinic	Attending Physician	Medicine

Faculty	Course	Faculty role	JHU Division
Tiffany Gary	Introduction to Diabetes and Obesity Epidemiology	Founder and Director	Public Health
	Epidemiologic and Preventive Aspects of Cardiovascular Disease	Lecturer	Public Health
	Introduction to Epidemiology	Lecturer	Public Health
	Cultural Factors in Public Health	Lecturer	Public Health
Sherita Golden	Human Pathophysiology, Endocrine Section	Lecturer/Small Group Leader	Medicine
	Clinical Epidemiology	Small Group Leader	Medicine
	Introduction to Diabetes and Obesity Epidemiology	Lecturer	Public Health
	Barker Firm	Faculty	Medicine
Eliseo Guallar	Epidemiologic Methods 2	Director/Instructor	Public Health
	Meta-analysis	Co-Instructor	Public Health
	Clinical Epidemiology	Lab Instructor	Medicine
Felicia Hill-Briggs	Behavioral Medicine	Lecturer	Medicine
	Ambulatory Medicine Clerkship	Lecturer/Small Group Leader	Medicine
	Introduction to Diabetes and Obesity Epidemiology	Lecturer	Public Health
Linda Kao	Introduction to Genetic Epidemiology	Director	Public Health
	Introduction to Genetic Epidemiology, online	Director	Public Health
	Genetic Epidemiology Journal Club	Co-Instructor	Public Health
	Principles of Epidemiology	Lecturer	Public Health
	Problems in the Design of Epidemiologic Studies	Lecturer	Public Health
	Epidemiologic and Preventive Aspects of Cardiovascular Disease	Lecturer	Public Health
	Methods in Clinical Research	Lab Instructor	Public Health
	Introduction to Diabetes and Obesity Epidemiology	Lecturer	Public Health
Lucy Meoni	Introduction to the SAS Statistical Package	Director	Medicine

Faculty	Course	Faculty role	JHU Division
Edgar Miller	Assessment of Clinical Cardiovascular Disease	Director	Public Health
	Advanced Topics in Cardiovascular Disease Epidemiology	Co-Director	Public Health
	Methods in Clinical Research	Instructor	Medicine
	Clinical Epidemiology	Preceptor	Medicine
	Cardiovascular Disease Epidemiology	Lecturer	Public Health
	Pathophysiology	Lecturer	Medicine
	Epidemiological Study Designs	Instructor	Nursing
	Clinical Trials: Issues and Controversies	Instructor	Public Health
Ana Navas-Acien	Environmental Health Sciences & Epidemiology Journal Club	Director	Public Health
	Diversity Summer Internship Seminars	Lecturer	Public Health
	Public Health Perspectives	Lecturer	Public Health
	Molecular Epidemiology and Biomarkers in Public Health	Lecturer	Public Health
	Clinical Epidemiology	Small-group Instructor	Public Health
	Grant Writing Course	Faculty Reviewer	Public Health
	Advanced Methods in Tobacco Control	Lecturer	Public Health
	Bloomberg Smoking Initiative (Online Course)	Lecturer	Public Health
Rulan Parekh	Renal Physiology	Lab Instructor	Medicine
	Clinical Epidemiology	Lecturer	Medicine
Neil Powe	T32 Summer Seminar Program	Director	Medicine
	Clinical Epidemiology and Outcomes Research	Lecturer	Public Health
Elizabeth Selvin	Welch Center Research Seminar (Journal Club)	Director	Public Health
	Clinical Epidemiology	Co-Director	Medicine
	Methods in Clinical Research	Lab Instructor/ Lecturer	Public Health
	Epidemiologic Methods	Lab Instructor and Lecturer	Public Health

Faculty	Course	Faculty role	JHU Division
Elizabeth Selvin (continued)	Cardiovascular Disease Epidemiology	Lecturer	Public Health
Nae-Yuh Wang	Methods in Clinical Research	Lecturer/Small Group Instructor	Public Health
	CASE 2.0: Clinical Epidemiology and Biostatistics	Preceptor	Medicine
	Osler Housestaff Research Program	Preceptor/ Epidemiologist	Medicine
	Principles of Epidemiology	Lab Instructor	Public Health
J. Hunter Young	Clinical Epidemiology and Outcomes Research	Co-Director	Public Health
	Longcope Firm Faculty	Faculty	Medicine

WELCH CENTER TRAINEES, 2007-2008

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Agarwal, Shikhar, MD SPH/MPH Candidate Elizabeth Selvin, PhD, MPH “The Association of Active and Passive Smoking with Peripheral Arterial Disease: Results from NHANES 1999-2004”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Alavi, Reza, MD, MBA SPH/MS Candidate Cheryl Anderson, PhD, MPH TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Atkinson, Meredith, MD, MHS SOM/Faculty, Pediatric Nephrology Susan Furth, MD, PhD “Hepcidin and Anemia in CKD in Children”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Auguste, Priscilla, BA SPH/MHS Candidate Josef Coresh, MD, PhD, MHS “Chronic Kidney Disease and Risk of Cognitive Decline”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Baghli, Salim, BS SPH/MPH Candidate Josef Coresh, MD, PhD, MHS TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Baptiste-Roberts, Kesha, MPH, PhD SPH/Post-doctoral Fellow in Epidemiology Frederick Brancati, MD, MHS and Nae-Yuh Wang, PhD “Intra-uterine and Peri-natal Factors and the Subsequent Risk of Diabetes in Adulthood” and: Advisor: Research Topic:
and: Advisor/Research Topic:	Tiffany Gary, PhD, MHS “Family History of Diabetes, Health Status and Health Behaviors in a Population-Based Sample of African Americans”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Barone, Bethany, ScM SPH/PhD Candidate in Epidemiology Frederick Brancati, MD, MHS and Jessica Yeh, PhD “Pre-existing Diabetes and the Risk of Mortality in Patients with Cancer” and Advisor/Research Topic:
and Advisor/Research Topic:	Jeanne Clark, MD, MPH, “Effects of Exercise on Endothelial Function in Adults with and without Type 2 Diabetes” and Nae-Yuh Wang, PhD, “Patterns of Weight Change Over the Life Span of Men”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Bash, Lori SPH/PhD Candidate in Epidemiology Brad Astor, PhD, MPH Predictors and consequences of chronic kidney disease and ESRD

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Beasley, Jeannette, MPH SPH/PhD Candidate in Epidemiology Lawrence Appel, MD, MPH “The Effects of Macronutrients on Satiety”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Belin, Ruth, BS, MD SPH/MPH Candidate in Epidemiology Sherita Golden, MD, MHS “Ongoing Thyroid Hormone Therapy Is Associated with Cardiovascular Disease in the National Health and Nutrition Examination Survey (1999-2002)”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Bennett, Wendy, MD, MPH SOM/General Internal Medicine Fellow Jeanne Clark, MD, MPH and Felicia Hill-Briggs, PhD “Identification of Predictors of Follow-up Care and Preventive Health Behaviors in Women with a History of Gestational Diabetes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Bhavsar, Nrupen SPH/PhD Candidate in Epidemiology Brad Astor, PhD, MPH “Apolipoprotein A and apolipoprotein B as predictors of coronary heart disease”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Bleys, Joachim SPH/PhD Candidate Eliseo Guallar, MD, DrPH “Selenium and Risk of Cardiovascular Disease in the U.S.”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Brady, Tammy, MD, MHS SOM/Faculty, Pediatric Nephrology Susan Furth, MD, PhD “Ambulatory Blood Pressure Monitoring in CKD”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Brewer, LaPrincess SPH/MPH Candidate Edgar Miller, MD, PhD TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Bricker, Eric, MD SOM/Medical Resident Frederick Brancati, MD, MHS “Quality of care in patient with diabetes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Byreddy, Anitha, MD, MPH SOM/Post-doctoral Fellow Rulan Parekh, MD “Association of acidosis and mortality in an incident hemodialysis population”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Castro, Alejandro, MPH SPH/PhD Candidate Josef Coresh, MD, PhD, MHS; Eliseo Guallar, MD, DrPH; & Elizabeth Selvin, PhD, MPH “Epidemiology of Beta-Trace Protein and Beta-2 Microglobulin as Measures of Kidney Function

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Chang, Yu-Ching, MPH SPH/PhD Candidate Linda Kao, PhD, MHS “Genetic Epidemiology of Inflammatory Responses to High-fat Meal and Aspirin Interventions”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Charles, Raquel, MD SOM/General Internal Medicine Fellow Brad Astor, PhD, MPH; Ebony Boulware, MD, MPH & Neil Powe, MD, MPH, MBA The effect of physician practice patterns on CKD progression
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Cheng, Ching-Yu, MPH SPH/PhD Candidate Linda Kao, PhD, MHS “Searching for Human Obesity Genes by Linkage and Admixture Mapping”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Chin, Ming-Feng, MPH SPH/PhD Candidate Eliseo Guallar, MD, DrPH & Edgar Miller, MD, PhD Dairy product consumption and risk of cardiovascular disease
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Christman, Andrea SOM/MD Candidate Felicia Hill-Briggs, PhD “Cerebral Reserve, Cognition, and Function in Community Residents with Diabetes and Dementia”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Chu, Audrey, MPH SPH/PhD Candidate Linda Kao, PhD, MHS “Characterization of Type 2 Diabetes Mellitus Susceptibility Genes and Their Interactions with Environmental Factors in the Population”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic: and Advisor: Research Topic:	Crawford, Stephen, MHS SPH/Doctoral Candidate, Epidemiology Frederick Brancati, MD, MHS “Biomarkers of insulin resistance and metabolic syndrome” and J. Hunter Young, MD, MHS “Lactate, a Novel Marker of Disordered Energy Homeostasis in the Metabolic Derangements of Obesity”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Deidra Crews, MD SPH/MHS Candidate; SOM/Nephrology Fellow Neil Powe, MD, MPH, MBA Inpatient Initiating Hemodialysis
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Cristofalo, Elizabeth, MD, MPH SPH/PhD Candidate; K-12 Clinical Research Scholars Program Susan Furth, MD, PhD “Nutritional Risk Factors in Premature Infants”

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Davis, Mollie, MD, MPH SOM/GIM Fellow Jessica Yeh, PhD "History of Breast Cancer in Patients with Acute Myelogenous Leukemia"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Derr, Rachel, BA, MD SPH/PhD Candidate Sherita Golden, MD "Pre-analytic considerations for the proper assessment of hormones of the hypothalamic-pituitary axis in epidemiological research" and "Prevalence, Clinical Effects, and Treatment of Glucocorticoid-Induced Hyperglycemia"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Dodson, Jennifer , MD, PhD SOM/Faculty, Urology Susan Furth, MD, PhD "Health Related Quality of Life in Children with Urologic Disease"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Elkins, Katherine SPH/MPH Internet Student Nancy Fink, MPH TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Evans, Kira SPH/MHS Candidate in Epidemiology Ebony Boulware, MD & Tiffany Gary, PhD, MHS Assessing the role of patient health behaviors in race disparities in kidney disease
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Fadrowski, Jeff, MD, MHS SOM/Faculty, Pediatric Nephrology Susan Furth, MD, PhD "The Association of Lead and Cadmium with Chronic Kidney Disease in Children," inter alia
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Feick, David SOM/Dept. of Physical Medicine and Rehabilitation AND SOM/Dept of Neurology Felicia Hill-Briggs, PhD "Sensitivity and Predictive Utility of Cognition and Function Tests in Normal Pressure Hydrocephalus"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Fitzwater, John SPH/MPH Internet Student Tiffany Gary, PhD, MHS TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Frankel, Yelena, MD SOM/Resident, Dermatology Nae-Yuh Wang, PhD "Microbial Burden in Chronic Wounds"

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Franco, Manuel, MD SPH/PhD Candidate in Epidemiology Frederick Brancati, MD, MHS "Food availability, dietary patterns, and diabetes risk in Baltimore"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Garibaldi, Brian, MD SOM/Pulmonary and Critical Care Fellow Jessica Yeh, PhD "Evaluating the performance Characteristics of the Immature Platelet Fraction IPF in Hospitalized Patients with Thrombocytopenia"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Ghods, Bri SPH/MPH Candidate AND JHU/MBA Candidate Lisa Cooper, MD, MPH "Communication in the Primary Care Visit of Patients with Depression"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Goyal, Madhav, MD SOM/GIM K12 Clinical Research Fellow Felicia Hill-Briggs, PhD "Meditation Interventions in Stress and Cardiovascular Disease Management"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Grahm, Lauren SPH/MPH Candidate Edgar Miller, MD, PhD Outcomes research
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Groesbeck, Darcy, BS SOM/MD Candidate Susan Furth MD, PhD "Age, Gender and Race Effects on Cystatin C Levels in US Adolescents"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Gueguerian, Anne-Marie, MD SOM/Post-Doctoral Fellow Neil Powe, MD, MPH, MBA "Cerebral Blood Flow in Children with Brain Injury"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Hassan, Seema SPH/MPH Candidate Brad Astor, PhD, MPH "Grant Proposal For Health Achievement By Implementing Tobacco-control measures in School children (HABITS)- a Program To Protect Pakistani Minors from the Hazards of Tobacco Use"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Haywood, Carlton SPH/PhD Candidate Mary Catherine Beach, MD "Previous interpersonal experiences and trust among persons with sickle cell disease"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Hendley, Yolanda SOM/Osler Internal Medicine Resident Ebony Boulware, MD, MPH Identifying perceived susceptibility to CHD among high-risk individuals

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic: and Advisor: Research Topic:	Hernaiz, Ruben SPH/PhD Candidate in Epidemiology Frederick Brancati, MD, MHS; Eliseo Guallar, MD, DrPH; Jeanne Clark, MD, MPH & Jessica Yeh, PhD “HFE Gene Variants and the Risk of Fatty Liver Disease and Type 2 Diabetes” and Frederick Brancati, MD, MHS and Jessica Yeh, PhD “Cancer Mortality in Taiwanese Men with and without Diabetes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Ho, Roger SPH/MPH Candidate Edgar Miller, MD, PhD TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Ibe, Chidinma SPH/PhD Candidate in Health, Behavior and Society Lisa Cooper, MD, MPH & Felicia Hill-Briggs, PhD Role of Community Health Workers in Improving Patient CVD Outcomes
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Jackson, Chandra, MS SPH/PhD Candidate Tiffany Gary, PhD, MHS TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	James, Monique SOM/MD Student Mary Catherine Beach, MD Discrimination and trust in HIV care
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Johnson, Rachel , MD, PhD SOM/Post-doctoral Fellow in Medicine and Pediatrics Lisa Cooper, MD, MPH “Impact of Race and Social Distance on Medical Visit Communication; Patient Perceptions of Bias in Healthcare”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Jonas, Clarissa, MD SOM Post-doctoral Fellow in Medicine and Pediatrics Ebony Boulware, MD, MPH (Research Advisor) "Role of physician referral patterns in explaining ethnic/race disparities in CKD"
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Jones, Miranda SPH/Summer Internship Program in Environmental Health Sciences Ana Navas-Acien, MD “Air nicotine concentrations in motor vehicles”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Jordan, Lori, MD SPH/PhD Candidate, GTPCI (K30) Susan Furth, MD, PhD “Outcomes After Intracerebral Hemorrhage in Childhood”

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Josephs, Joshua SPH/MHS Candidate Nancy Fink, MPH “Emergency department utilization in a multisite, multistate cohort of HIV-infected patients”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic: and Advisor: Research Topic:	Kalyani, Rita, MD K12 from the Nat’l Center for Research Resources; SPH/MHS Candidate Sherita Golden, MD “Endogenous Sex Hormones and Incident Diabetes Mellitus in Post-menopausal Women: The MESA Study” and Elizabeth Selvin, PhD, MPH “Physical functioning and diabetes in the elderly”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Kim, Joseph, MD SPH/PhD Candidate in Epidemiology & SPH/MHS in Biostatistics Neil Powe, MD, MPH, MBA & Ebony Boulware, MD, MPH Assessing physician and center-level effects on access to kidney transplantation
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Kim, Soo (Esther), MD, MPH Cardiology Fellow, Cleveland Clinic Frederick Brancati, MD, MHS “Quality of care in patient with diabetes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	King, Camille SPH/MPH Internet Student Cheryl Anderson, PhD, MPH TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Kinsman, Helen SOM/MD Student Mary Catherine Beach, MD, MPH Partnership dialogue in patient-clinician encounters
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Kittleson, Michelle SPH/PhD Candidate Michael Klag, MD “Socioeconomic Status and Mortality”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Kottgen, Anna, MD SOM/Post-doctoral Fellow Josef Coresh, MD, PhD, MHS & Linda Kao, PhD, MHS “Genome with Association Studies of CKG, Gout, and Related Conditions”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Kumar, Rashmi, MD SOM/General Internal Medicine Fellow Mary Catherine Beach, MD, MPH Predictors of patient engagement in HIV care
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Laclaustra, Martin SPH/Post-doctoral Student Eliseo Guallar, MD, DrPH Selenium levels and cardiovascular risk

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Laird, Shivonne, MPH SPH/PhD Candidate in Health Policy and Management Lisa Cooper, MD, MPH “International Medical Graduates and Patient-Centered Indicators of Primary Care Quality”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Lazo-Elizondo, Mariana, MD, ScM SPH/PhD Candidate in Epidemiology Jeanne Clark, MD, MPH “Nonalcoholic Fatty Liver Disease in the US Population: Prevalence, Distribution and Risk of Mortality”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Letsz, Rachel, MD SPH/MHS Candidate Susan Furth, MD, PhD Residual Renal Function and Outcomes in Pediatric End Stage Renal Disease
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Lin, Frank, MD SOM/Resident, Otolaryngology-Head & Neck Surgery Nae-Yuh Wang, PhD “Assessing Communicative Competence with Language Measures after Pediatric Cochlear Implantation”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Longstaff, Laura SPH/MPH Candidate Ana Navas-Acien, MD “Obesity in American Indians”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	MacDonald, Ryan, PhD SPH/Post-doctoral student, Department of Mental Health Rosa Crum, MD “Sub-clinical Specific Phobia and the Onset of Alcohol Use Disorders: Longitudinal Associations from the Baltimore Epidemiologic Catchment Area Follow-up”
Trainee Name and Current Degree(s): Trainee Status: Advisor/Research Topic: and Advisor/Research Topic: and Advisor/Research Topic:	Maruthur, Nisa, MD SOM/ GIM Fellow & SPH/MHS Candidate Lawrence Appel, MD, MPH & Nae-Yuh Wang, PhD, “Effect of Lifestyle Interventions on Estimated Coronary Heart Disease Risk” and Frederick Brancati, MD, MHS, Obesity and diabetes and Jeanne Clark, MD, MPH, “Effects of Obesity on Cancer Screening”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Matsushita, Kunihiro, MD SPH/Post-doctoral Fellow Elizabeth Selvin, PhD, MPH & Josef Coresh, MD, PhD, MHS “Change in Kidney Function and Coronary Heart Disease, Stroke, and All-cause Mortality: The Atherosclerosis Risk in Communities (ARIC) Study”, inter alia
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Maurray, Tanda SPH/MHS Candidate Linda Kao, PhD, MHS “Using Genome Wide SNPs to Characterize Admixture in African Americans and an African Caribbean Population”

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Menke, Andy SPH/PhD Candidate Eliseo Guallar, MD, DrPH Biomarkers of iron status and risk of diabetes
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Mezuk, Briana, BS SPH/PhD Candidate, Department of Mental Health Sherita Golden, MD “The Prospective Relationship Between Depression, Metabolic Risk, and Its Clinical Manifestations in the Baltimore Epidemiological Catchment Area Study”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Miller, Daniel SPH/MPH Candidate Edgar Miller, MD, PhD Novel biomarkers for monitoring prostate cancer progression
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Millstein, Rachel SPH/MHS Candidate Tiffany Gary, PhD, MHS “Food Availability, Neighborhood Socio-economic Status and Dietary Patterns among African American with Type 2 Diabetes Mellitus”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Mustapha, Indra, DDS, MS PhD Candidate, GTPCI Frederick Brancati, MD, MHS “Periodontics and type 2 diabetes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Naj, Adam, MPH SPH/PhD Candidate Linda Kao, PhD, MHS “Genetic epidemiology of beta cell dysfunction”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Narayan, Anand, MD, MHS SPH/PhD Candidate Josef Coresh, MD, PhD & Neil Powe, MD, MPH, MBA TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Olafson, Kendiss, MD SPH/MPH Internet Student Nancy Fink, MPH “The association of patient transfers between different ICUs with hospital mortality in Canada”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Olufade, Temitope SPH/PhD Candidate in Epidemiology Cheryl Anderson, PhD, MPH TBD
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Oyetunji, Tolulope, MD Howard Univ. Research Fellow Jessica Yeh, PhD “State Funding for Trauma Care: Impact on Inappropriate Triage Practices”

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Paez, Kathryn, RN SON/PhD Candidate Lisa Cooper, MD, MPH “The Relation of Physician Cultural Competence with Patient Outcomes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Parekh, Vinay SOM/Medical Student Gail Daumit, MD “Cognition and Relation to Weight Loss Success in Persons with Severe Mental Illness”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Plernpit Suwan-ampai SPH/PhD Candidate Ana Navas-Acien, MD (Co-advisor) “Low level environmental polycyclic aromatic hydrocarbon exposure, tobacco smoke, and respiratory and peripheral arterial disease in the U.S. population”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Purnell, Tanjala, MPH SPH/PhD Candidate Ebony Boulware, MD Economic factors affecting living and deceased organ donation
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic: and Advisor: Research Topic”	Ratanawongsa, Neda, MD SOM/Internal Medicine Fellow Mary Catherine Beach, MD & Neil Powe, MD, MPH, MBA “Health Care Provider Attitudes Towards Patients with Acute Vaso-occlusive Crisis Due to Sickle Cell Disease: Development of a Scale” and “Provider Stress and Quality of HIV Care” and Lisa Cooper, MD, MPH “Physician burnout and Patient-Physician Communication During Primary Care Encounters”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Scialla, Julia, MD SOM/MHS Candidate Rulan Parekh, MD “Vascular Calcification and Bone Disease in End Stage Renal Disease”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Segev, Dorry, MD SOM/Surgery/K12 Clinical Research Scholar Neil Powe, MD, MPH, MBA Access to kidney transplantation
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Shafi, Tariq, MD SPH/MPH Candidate Lawrence Appel, MD “Potassium Depletion Mediates Thiocide-induced Diabetes”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Sharmokh, Simon SPH/MPH Internet Student Tiffany Gary, PhD, MHS TBD

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Sickmond, Jennifer SOM/Physical Medicine and Rehabilitation AND Neurology Felicia Hill-Briggs, PhD “Sensitivity and Predictive Utility of Cognition and Function Tests in Normal Pressure Hydrocephalus”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Smith, Andrea SPH/PhD Candidate in Health, Behavior, and Society Felicia-Hill-Briggs, PhD “Food Acquisition Behaviors of Food-Insecure Individuals”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Smith, Lorie, MD SPH/MHS Candidate; Fellow, Pediatric Nephrology Susan Furth, MD, PhD “Hyperparathyroidism and Anemia in Pediatric ESRD”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Southern, Cozumel, MD SPH/MHS Candidate Susan Furth, MD, PhD “Hypertension and Target Organ Damage in Pediatric ESDR”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Stark Casagrande, Sarah SPH/MHS Candidate Tiffany Gary, PhD, MHS “Walkability and the Association between Obesity and Diabetes in Baltimore City”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Stein, Kelly SOM/GIM Fellow AND CTPCI/MHS Candidate Frederick Brancati, MD, MHS “The Risk of Obesity, Diabetes and Related Conditions in Breast Cancer Survivors” and Advisor: Research Topic:
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Sule, Sangeeta, MD, PhD SOM/Faculty, Pediatrics and Rheumatology Susan Furth, MD, PhD “Pediatric Systemic Lupus Erythematosus Cohort Study”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Suzuki, Takeki, MD SPH/MPH Candidate Josef Coresh, MD, PhD “Inflammation and Heart Failure in MESA”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Tarver-Carr, Michelle SOM/Ophthalmology Resident Frederick Brancati, MD, MHS “Excess Risk of Diabetes and CVD in African Americans”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Tellez-Plaza, Maria SPH/PhD Candidate in Epidemiology Eliseo Guallar, MD, DrPH & Ana Navas-Acien, MD “Cadmium exposure and hypertension in the 1999-2004 National Examination Survey (NHANES)”

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Tello, Monique, MD SOM/GIM Fellow Jessica Yeh, PhD “Coping Efficacy and High Risk Sexual Behaviors” and “Appointment Adherence in a HIV Clinic”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Thornton, Leslie SPH/PhD Candidate Gail Daumit, MD Rates, Patterns and Predictors of Criminal Justice Involvement in a Cohort of Maryland Medicaid Recipients with Severe and Persistent Mental Illness
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Touradji, Pegah, PhD SOM/Junior Faculty, Physical Medicine and Rehabilitation Felicia Hill-Briggs, PhD “Neuropsychological Assessment Measurement and Normative Data in Racial and Ethnic Minority Groups”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Tsuji, Petra SPH/MPH Candidate Eliseo Guallar, MD, DrPH Dietary risk factors for colorectal cancer
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Turban, Sharon, MD SOM/Clinical Fellow Lawrence Appel, MD, MPH & Rulan Parekh, MD “The Effects of Race on Urinary Potassium Excretion”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Tzeng, Kenneth SPH/MPH Candidate Edgar Miller, MD, PhD PSA velocity and prostate cancer
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Ugarte, Richard, MD SOM/Nephrology Fellow; K12 Clinical Research Scholar; and SPH/PhD Candidate in Clinical Epidemiology Neil Powe, MD, MPH, MBA Inflammation and kidney transplant outcomes
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Vilaplana, Miguel SPH/Post-doctoral Student Eliseo Guallar, MD, DrPH Genetic determinants of ambulatory blood pressure
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Wiley, Crystal, MD, MPH SOM/GIM Fellow Lisa Cooper, MD, MPH “The Effect of Race and Blood Pressure Control on Patient-Physician Communication”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Wyman, Lisa, MPH SPH/PhD Candidate Elizabeth Selvin, PhD TBD

Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Yeung, Edwina, MPH SPH/PhD Candidate in Epidemiology Linda Kao, PhD, MHS “Effect of weight loss and macronutrient diets on serum adiponectin levels”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Yi, Stella SPH/PhD Candidate in Epidemiology Brad Astor, PhD, MPH “Marinobufagenin and Endogenous Oubain as Predictors of Cardiovascular Disease in Hypertensive Kidney Disease”
Trainee Name and Current Degree(s): Trainee Status: Advisor: Research Topic:	Zhang, Yiyi SPH/MSc and PhD Candidate Gail Daumit, MD, MHS

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RESEARCH STUDIES, 2007-2008

The Welch Center employs a full range of research methodologies in its efforts to generate and disseminate the knowledge required to prevent disease and its consequences. The Center conducts patient-oriented research, collecting primary data from human subjects in clinical and population-based settings, but also has extensive expertise in research analyzing secondary data from national multi-center studies, complex national health surveys, and administrative data. Our research is defined by the research question and not constrained by the research method.

Cross-cutting areas of research include clinical epidemiology (including genetic and molecular epidemiology), outcomes research, evidence-based medicine, cost-effectiveness research, lifestyle interventions and health behaviors, primary care research (including quality of care and patient-physician communication), health and healthcare disparities, and aging.

Major diseases and conditions studied include cardiovascular disease (hypertension, stroke, coronary artery disease), kidney disease, obesity, type 2 diabetes and related conditions, mental health disorders (depression, substance abuse, serious mental illness), and cancer. Selected studies and databases in use in the Welch Center during the 2007-2008 fiscal year are listed below.

Study Population	Study Design	Sample Size	Description
AASK Cohort	Prospective Cohort	730	Extension of AASK trial to determine risk factors for progression of non-diabetic kidney disease in the setting of recommended BP therapy.
Activating Consumers to Exercise in Community Psychiatry through Peer Support	Randomized Controlled Trial	100	Exercise intervention with and without peer support for persons with severe mental illness. Includes submaximal treadmill test data, accelerometry, DEXA scans, blood pressure, weight, waist circumference and questionnaire information.
Adolescent Hemodialysis Study	Cross-sectional and Longitudinal Cohort	640 adolescents ages 12-19 on hemodialysis	Cross-sectional clinical performance measures on adolescents on hemodialysis linked to survival and hospitalization data from the US Renal Data System.
African-American Study of Kidney Disease (AASK)	Randomized Controlled Trial	1,092	Randomized controlled trial to test the effects of 3 medications and 2 levels of BP control on kidney disease progression in hypertensive African-Americans.

Study Population	Study Design	Sample Size	Description
Arsenic Strong Heart Study	Cohort Study	4,459	Prospective observational cohort in American Indians to evaluate cardiovascular and diabetes risk associated with low-moderate exposure to inorganic arsenic
Assessing Patient Outcomes in Pediatric ESRD	Retrospective Cohort	1,000 incident pediatric ESRD patients ages 12-19	Incident pediatric ESRD patients in the U.S. Renal Data System Database followed for 5 years to assess how clinical and non-clinical factors affect survival hospitalizations.
Atherosclerosis Risk in Communities (ARIC)	Prospective Cohort with ancillary Case-cohort studies	15,792	Cohort study included 4 examinations (1986-88 to 1997-1999) including interview, examination and laboratory (clinical and genetic) assessment. Follow-up for all hospitalizations continues to 2012 including adjudicated review of CHD and stroke. Stored specimen and chart reviews lead to dozens of ancillary studies at Hopkins.
Atherosclerosis Risk in Communities (ARIC) Community Surveillance	Surveillance of Coronary Heart Disease	~400,000 community member; > 80,000 chart abstractions	Systematic abstraction of coronary heart disease and related ICD-9 codes with known sampling fractions to represent four US communities (Washington County, MD, Suburban Minneapolis, MN, Forsyth County, NC, Jackson, MS). Includes coded ECGs and death follow-up and committee review of events. Starting 2004 includes congestive heart failure reviews.
Atherosclerosis Risk in Communities (ARIC) MRI Study	Cross-sectional	2,000	Carotid MRI with gadolinium in 1,200 individuals with thick carotid arteries and 8,00 individuals drawn randomly from the rest of the ARIC cohort. Interview including dietary assessment and CESD, clinic examination, extensive laboratory assessment and stored specimen for ancillary studies.
BRIDGE Study	Randomized Controlled Trial	27 physicians enrolled, 132 patients	Randomized controlled trial to improve care for treatment of depression including a physician intervention and a patient intervention. Measures include patient-physician communication and relationship quality, appropriateness of depression care, depression status and health care related quality of life over 1 year of follow-up.

Study Population	Study Design	Sample Size	Description
CLUE II	Prospective Cohort	30,000	Specimen bank of serum, red blood cells, buffy coat and toe nails, plus lifestyle information to perform epidemiologic study of cancer and cardiovascular disease.
Commonwealth Fund Healthcare Quality Survey	Cross-sectional	7,000 household-based adults	Survey of health care quality in U.S. household based adults. Ethnic minorities were oversampled.
Childhood Development After Cochlear Implantation	Prospective Cohort	188 children with CI, 97 children with normal hearing	Cohort study to evaluate the predictive value of clinical variables as they relate to developmental outcomes, including oral language acquisition, speech recognition, psycho-social development and quality of life.
Choices in Healthy Outcomes in Caring for ESRD (CHOICE)	Longitudinal Cohort	1,041 ESRD patients	Multi-center prospective longitudinal cohort study of incident dialysis patients comparing outcomes for hemodialysis and peritoneal dialysis. Includes measures of quality of life, comorbidity, health care utilization, laboratory measures of renal function and cardiovascular disease risk factors including novel risk factors for CVD.
Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI)	Cross-sectional	10,000	Pooling project of individuals with measured GFR in research and clinical populations aimed at improving estimation of kidney function. A subset of ~3,000 individuals have Cystatin C measures.
CKD-EPI Pooling Project	Cross-sectional	5,500	Pool data on research subjects and patients with measured GFR, standardized serum creatinine, and clinical characteristics. For a subset stored specimen are available and used for assaying new markers of kidney function.
Chronic Renal Insufficiency Cohort	Prospective Cohort	3,613	Cohort study to determine risk factors for kidney disease chronic progression and CVD in diabetic and non-diabetic kidney disease.
DASH-Sodium	Randomized Controlled Trial	412	Feeding study that tested the main and interactive effects of the DASH diet and sodium intake on blood pressure.
DASH	Randomized Controlled Trial	456	Feeding study that tested the effects of three dietary patterns on blood pressure.

Study Population	Study Design	Sample Size	Description
Diabetes Prevention Program and Outcomes Study (DPPOS)	Randomized Controlled Trial and Follow-up Study	3,789	The primary objective of the DPPOS is to evaluate the long-term effects of active DPP interventions on: 1) continued prevention or delay of diabetes, 2) composite diabetes-related microangiopathic and neuropathic outcome and 3) composite cardiovascular disease outcome.
ECHO: Enhancing Communication and HIV Outcomes	Randomized Controlled Trial	240 patients with HIV and 24 HIV providers	Pilot study to test the efficacy of an intervention to improve communication related to medication adherence among patients with HIV.
EQUAL Study	Longitudinal Cohort	Follow-up to CHOICE cohort	This follow-up study to the CHOICE cohort focuses on process of care and quality of care for 928 incident dialysis patients in 80 centers across the country.
EURAMIC	Case-Control	2,000	Large, international case-control study of antioxidants and risk of MI and Breast Cancer.
Family Investigation of Nephropathy and Diabetes (FIND)	Cross-sectional	2,000	This is a case-control study of 1,000 African-Americans with ESRD and their African-American spouse/partner controls without ESRD. Interviews conducted to assess comorbidities and health behaviors. Stored specimens include DNA, serum, whole blood in everyone and urine in the controls.
FAMRI - Disease of the Upper Airways	Case-control	200	Population-based case control in Washington County, MD to study to evaluate the association between exposure to secondhand tobacco smoke and diseases of the upper airways.
FAMRI - hospitality employees	Cross-sectional Study	1,000	Multi-country biomonitoring study to evaluate exposure to secondhand tobacco smoke among employees of the hospitality industry.
Fatty Liver Disease and Hepatic Energy Homeostasis in Look AHEAD	Prospective Cohort within a Randomized Controlled Trial	244	A study to examine the prevalence and correlates of (Nonalcoholic Fatty Liver Disease) in a high risk population of people with type 2 DM and obesity, and the effect of weight loss on NAFLD.
Functional Outcomes in Pediatric ESRD	Cross-sectional and Longitudinal Cohort	180 pediatric patients with renal	Assessing functional outcome over time as children progress from renal insufficiency to ESRD to transplant.

Study Population	Study Design	Sample Size	Description
		insufficiency	
Impact of Pediatric Specialty Care on Treatment Decisions for Children with Kidney Disease	Cross-sectional	600 adult and pediatric nephrologists	Randomized case vignettes assessing factors affecting treatment decisions in ESRD.
Kidney Disease in Children (CKiD)	Prospective Cohort Study	540 children aged 1 -16 yrs with mild to moderate chronic kidney disease	Prospective cohort of children aged 1-16 yrs in the U.S. and Canada to be followed for 5 years to assess risk factors for kidney disease progression, and the effect of progression on cardiovascular disease risk factors, cognition, behavior, and growth.
Action for Health in Diabetes (Look AHEAD)	Randomized Controlled Trial	318 patients at JHU, 5145 nationwide	The primary objective of Look AHEAD is to examine, in overweight volunteers with type 2 diabetes, the long-term cardiovascular and mortality effects of an intensive lifestyle intervention designed to achieve and maintain weight loss.
MESA Air	Prospective Cohort Study	~ 8,000	Prospectively examines the relationship between an individual level assessment of long term ambient air pollution exposures and the progression of subclinical cardiovascular disease and incidence of clinical cardiovascular disease in a multi-city, multi-ethnic cohort.
National Ambulatory Care Survey (NAMCS)	Ongoing, cross-sectional	10,000 per year	Information on office-based medical care including diagnoses, treatments and procedures.
National Health and Nutrition Examination Surveys (NHANES)	Cross-sectional, some with cohort	varies	Detailed health information from representative sample of US citizens includes laboratory measures.
OMNI Heart	Randomized Controlled Trial	164	Feeding study that tested the effects of protein, fat and carbohydrate on BP, lipids and cardiovascular risk.
PACE: Predictors of Arrhythmic and Cardiovascular risk in End Stage Renal	Prospective Cohort Study	1000 adults on hemodialysis	Prospective cohort of incident patients. Prospective, longitudinal study of 1,000 ESRD hemodialysis patients in the Baltimore area who will be followed for up

Study Population	Study Design	Sample Size	Description
Disease			to 4 years to determine the cardiovascular, dialysis-related, and genetic risk factors leading to altered autonomic tone, impaired ventricular conduction, and sudden cardiac death.
Patient-Physician Partnership to Improve Hypertension Adherence	Randomized Controlled Trial	41 physicians, 279 patients	Randomized controlled trial with 2x2 factorial design to improve hypertension care by both activating patients and improving physicians' communication skills. Measures include patient/physician communication data, medication adherence, quality of care for hypertension, health care utilization, BP, weight, quality of life, glycemic control, kidney function, lipid profiles, CVD and CVD-related complications.
Precursors Study	Prospective Cohort	1,337 medical students	Prospective observational cohort of medical students from classes 1948-1964.
PREMIER	Randomized Controlled Trial	810	Behavioral intervention trial that assessed the effects of a comprehensive lifestyle modification (diet and physical activity) on blood pressure control and CVD risk factors.
PREPARED STUDY Patients with ESRD	Randomized Controlled Trial	300 AA patients with ESRD	African American patients with ESRD are randomized to receive a culturally targeted educational intervention to enhance consideration of living kidney transplant as well as a financial support intervention.
PREPARED II Study with Stage IV CKD	Randomized Controlled Trial	150 patients with CKD	Patients are randomized to receive culturally tailored educational interventions in the form of an audiovisual program or a website to enhance shared and informed decision-making about ESRD treatment options.
Preventable Mortality in Maryland Medicaid Recipients with Severe Mental Illness	Retrospective Cohort	26,000	Study of Maryland Medicaid recipients with and without severe mental illness to examine factors related to mortality including quality of care for schizophrenia, bipolar disorder and depression using Medicaid administrative data. Includes patient safety chart review of several hundred hospital charts to determine factors related to adverse event in medical and surgical hospitalizations for persons with mental illness.

Study Population	Study Design	Sample Size	Description
Project Sugar 2	Randomized Controlled Trial	542 patients	Trial of nurse-community health worker intervention to improve care of urban African Americans with type 2 diabetes mellitus.
Quality for Improvement in Depression Study	Randomized Controlled Trial	1,200 adults with major depression	Randomized controlled trial to test methods to improve treatment of depression in primary care office settings.
Respect, Trust, and Pain Management Quality in Patients with Severe Sickle Cell Disease	Cohort Study	100 patients with SCD	Assessment of patients' interpersonal and pain management experiences over one year of follow-up.
TALK Study Patients with Stage IV CKD	Randomized Controlled Trial	450 patients with CKD	Patients are randomized to receive culturally tailored educational and behavioral interventions to enhance consideration of living kidney donation as a treatment option.
Weight Loss Maintenance	Randomized Controlled Trial	1,032	Long-term behavioral intervention trial that tested the effects of three different strategies to maintain weight loss.

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FACULTY EXTERNAL COMMITTEE MEMBERSHIPS, 2007-2008

Welch Center core faculty members participate in a variety of national and regional committees dealing with research and research translation. Faculty participation in external advisory committees, review groups, or study sections during the 2007-2008 fiscal year is detailed below.

Faculty Member	Committee Membership
Cheryl Anderson	<p>Past President, Dannon Institute-Nutrition Leadership Institute Alumni Association.</p> <p>Past President, Steering Committee, Dannon Institute-Nutrition Leadership Institute Alumni Association.</p> <p>Member, American Heart Association, Council on Nutrition and Physical Activity.</p> <p>Member, American Heart Association, Council on Epidemiology and Prevention.</p> <p>Member, Committee on Dietary Supplement Use by Military Personnel, Institute of Medicine, Food and Nutrition Board.</p> <p>Member, Advisory Board for the Special Assistant to the Dean for Diversity, School of Public Health, University of North Carolina, Chapel Hill.</p>
Lawrence Appel	<p>Chair, Nutrition Committee, American Heart Association.</p> <p>Chair, Data Safety and Monitoring Board, Fatty Liver Ancillary Study and Look AHEAD, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Chair, Data Safety and Monitoring Board, REVEAL Trial of Erythropoetin in Acute MI, National Institute of Aging.</p> <p>Member, Data Safety and Monitoring Board, Frequent Dialysis Network, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Data and Safety Monitoring Board, Pharmacogenetics and Risk of Cardiovascular Disease, National Heart Lung and Blood Institute.</p>
Marian Batts-Turner	<p>Member, Diabetes Educators Board, Agamatrix, Inc.</p> <p>President-Elect, Maryland Association of Diabetes Educators.</p> <p>Peer Reviewer, CE Review Committee, External Materials Review Committee, American Association of Diabetes Educators.</p>

Faculty Member	Committee Membership
Marian Batts-Turner (continued)	<p>Member, Board of Directors, American Association of Diabetes Educators.</p> <p>Member, Professional Development Committee, American Association of Diabetes Educators.</p> <p>Member, Annual Meeting Program Committee, American Association of Diabetes Educators.</p> <p>Member, Annual Meeting Abstracts Review Committee, American Association of Diabetes Educators.</p> <p>Consultant, International Health Institute, Brown University.</p>
Mary Catherine Beach	<p>Ethics Member, Data and Safety Monitoring Board for Clinical Trials Involving Heart Failure, National Institute for Heart, Lung and Blood.</p> <p>Expert consultant, National Committee for Quality Assurance (NCQA): Cultural Competence in Patient-Centered Care.</p> <p>Ethics Member, Observational Study Monitoring Board for the National Registry of Genetically Triggered Thoracic Aortic Aneurysm Study, National Institute for Heart, Lung and Blood.</p> <p>Expert Consultant, Patient-Centered Medical Home, National Committee for Quality Assurance.</p> <p>Expert Committee Member, Advancing Research Methodology for Measuring and Monitoring Patient-Centered Communication in Cancer Care, AHRQ/National Cancer Institute.</p> <p>Member, Scientific Abstract Review Committee, American Academy for Communication in Healthcare (formerly American Academy on Physician and Patient).</p> <p>Member, Qualitative Abstract Review Committee for 2008 National Meeting, Society for General Internal Medicine.</p>
Ebony Boulware	<p>Member, Transplant Subcommittee, Mid-Atlantic Renal Coalition.</p> <p>Member, Patient Advocacy Committee, National Kidney Foundation of Maryland.</p> <p>Member, Minority Affairs Committee, Organ Procurement and Transplantation Network/United Network for Organ Sharing (UNOS/OPTN).</p> <p>Ad Hoc Member, Health Services Organization and Delivery Study Section, National Institutes of Health.</p> <p>Ad Hoc Reviewer, Health of the Population Integrated Review Group, National Institutes of Health.</p> <p>Member, Governor's Council, Maryland Chapter, American College of Physicians.</p>

Faculty Member	Committee Membership
Ebony Boulware (continued)	Ad Hoc Grant Reviewer, Israel National Institute for Health Policy and Health Services Research.
Frederick Brancati	<p>Chair, Screening and Eligibility Committee, Diabetes Prevention Program, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Chair, Pharmacologic Intervention Committee, Look AHEAD Trial, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Cardiovascular and Sleep Epidemiology Study Section (CASE), Center for Scientific Review, National Institutes of Health.</p> <p>Member, Advisory Panel on Antihypertensive Agents and Diabetes Risk, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Ad Hoc Review Panels, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Chair, End-Point Working Group, LookAHEAD Trial, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Editorial Panel, Diabetes in America, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Advisory Panel, Search for Diabetes in Youth, Centers for Disease Control.</p> <p>Member, Advisory Panel on CARDIA, National Heart Lung and Blood Institute.</p> <p>Member, Council on Epidemiology and Biostatistics, American Diabetes Association.</p> <p>President, Association of Chiefs of General Internal Medicine.</p>
Jeanne Clark	<p>Member, Diabetes Support and Education Committee, The Look AHEAD Study, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Measures and Assessment Committee, NASH Clinical Research Network.</p> <p>Chair, Eligibility and Safety Working Group. Weight Loss in Clinical Centers Grant.</p> <p>Member, Measures and Forms Working Group, Weight Loss in Clinical Centers Grant.</p>
Lisa Cooper	<p>Member, National Advisory Committee, Finding Answers: Disparities Research for Change, Robert Wood Johnson Foundation.</p> <p>Member, Steering Committee, Practice-Based Research Network Resource Center, Agency for Healthcare Research and Quality.</p>

Faculty Member	Committee Membership
Lisa Cooper (continued)	<p>Reviewer, Harold Amos Scholars Program, Robert Wood Johnson Foundation.</p> <p>Member, Founder Award Selection Committee, Society of General Internal Medicine.</p> <p>Member, Disparities Task Force, Society of General Internal Medicine.</p>
Josef Coresh	<p>Chairman, U.S. Renal Data System External Advisory Committee, National Institute of Diabetes and Digestive and Kidney Diseases.</p>
Rosa Crum	<p>Councilor, Fifth Pentad, Harvard Medical Alumni Council.</p> <p>Alumni Advisory Council, Packer Collegiate Institute, Brooklyn, New York.</p> <p>Member, Training and Career Development Review Subcommittee (NIDA-K), National Institute on Drug Abuse, National Institutes of Health.</p>
Nancy Fink	<p>Member, Executive Committee, Childhood Development after Cochlear Implantation Study</p> <p>Member, Steering Committee, C-KID Study</p> <p>Member, Recruitment and Retention Committee, C-KID Study.</p>
Susan Furth	<p>Chair, Research Committee, American Society of Pediatric Nephrology.</p> <p>Councilor, American Society of Pediatric Nephrology.</p> <p>Co-Chair, Annual Meeting Program Committee, American Society of Pediatric Nephrology.</p> <p>Co-Chair, Website Committee, American Society of Pediatric Nephrology.</p> <p>Member, Program Committee for 2009 Annual Meeting, American Society of Nephrology.</p> <p>Member, Clinical Science Committee, American Society of Nephrology.</p> <p>Member, Scientific Program Committee, 15th Congress of the International Pediatric Nephrology Association.</p> <p>Elected Councilor, Society for Pediatric Research.</p> <p>Member, Program Committee, Pediatric Academic Societies, Society for Pediatric Research.</p> <p>At-Large Member, Early Origins of Adult Health Work Group, National Children's Study.</p> <p>Member, National Chronic Kidney Disease Surveillance System Advisory Group, Centers for Disease Control and Prevention.</p>

Faculty Member	Committee Membership
Susan Furth (continued)	<p>Member, Special Emphasis Panel to Review R13 Conference Grant Applications, National Institutes of Health/National Institute for Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Council for Pediatric Nephrology and Urology of New York/New Jersey, Kidney and Urology Foundation of America.</p>
Tiffany Gary	<p>Member, Executive Board, Society for the Analysis of African American Public Health Issues</p> <p>Member, Network of Minority Research Investigators, National Institute for Diabetes and Digestive and Kidney Diseases</p> <p>Member, Local Advisory Board, International Conference on Urban Health.</p> <p>Member, Collaborative Obesity Network, Summit Health Institute for Research and Education, Inc.</p> <p>Member, Steering Committee, Maryland State Coalition to Control Diabetes.</p>
Sherita Golden	<p>Member, Morbidity and Mortality Review Committee, ARIC Study.</p> <p>Member, U.S. Clinical Diabetes Advisory Board, Merck and Co., Inc.</p> <p>Member, Diabetes Committee, Council on Nutrition, Physical Activity, and Metabolism, American Heart Association.</p> <p>Member, Spring 2008 Conference Program Committee, Council on Nutrition, Physical Activity, and Metabolism, American Heart Association.</p> <p>Advocacy Ambassador to NPAM Leadership Committee, Council on Nutrition, Physical Activity, and Metabolism, American Heart Association.</p> <p>Member, Assessment and Planning Board, "The Convergence of Type 2 Diabetes and Cardiovascular Disease; Current Insights and Future Directions," American College of Cardiology Foundation.</p>
Eliseo Guallar	<p>Member, Scientific Steering Committee for Evidence-Based Toxicology.</p> <p>Member, Scientific Program Board, High Risk Plaque Initiative.</p> <p>Member, External Advisory Committee, Claude D. Pepper Older Americans Independence Center, University of Maryland.</p>
Felicia Hill-Briggs	<p>Member, Study Section, Special Emphasis Panel, ZHL1 CSR-B F2 1 NIH/National Heart, Lung, and Blood Institute.</p> <p>National Chair, Council on Behavioral Medicine and Psychology, American Diabetes Association.</p> <p>Chair, Behavioral Medicine Program, Scientific Sessions Planning Committee, American Diabetes Association.</p>

Faculty Member	Committee Membership
Felicia Hill-Briggs (continued)	<p>Member, Research Grant Review Committee, American Diabetes Association.</p> <p>Abstract Reviewer, Annual Scientific Session, American Diabetes Association.</p> <p>Chair, Governance Committee, Society of Behavioral Medicine.</p> <p>Elected Member Delegate, Board of Directors, Society of Behavioral Medicine</p> <p>Member, Evidence-Based Behavioral Medicine Special Interest Group, Society of Behavioral Medicine.</p> <p>Abstract Reviewer, Annual Scientific Sessions Committee, Society of Behavioral Medicine.</p> <p>Expert Consultant, Evidence-Based Behavioral Practice Project, NIH Office of Behavioral and Social Sciences Research and Northwestern University.</p> <p>Coordinator, Neuropsychological Assessment of Persons with Disabilities Task Force, Culture and Diversity Committee, National Academy of Neuropsychology.</p> <p>Monitor for Division 40 (Neuropsychology) to Committee on Disability Issues in Psychology, American Psychological Association.</p>
Michael Klag	<p>Member, Medical Advisory Board, The Cliffs.</p> <p>Member, Workforce Taskforce Committee, Association of Schools of Public Health.</p> <p>Member, Advisory Board for Clinical Research, National Institutes of Health.</p> <p>Member, Advisory Panel on Research, Association of American Medical Colleges.</p> <p>Member, Board of Directors, Medical Education Institute.</p> <p>Member, COBRE External Advisory Board, Tulane University Health Sciences Center.</p> <p>Expert Reviewer Member; Experience Reviewer Reserve for Clinical and Translational Research Applications, National Institute of Diabetes and Digestive and Kidney Diseases.</p> <p>Member, Advisory Board, Kidney Disease Outcomes Quality Initiative, National Kidney Foundation.</p>
Lucy Meoni	<p>Member, Epidemiology Council, American Heart Association.</p>
Edgar Miller	<p>Member, Study Section, Review Committee for R21 (NIDA), "Roadmap – facilitating interdisciplinary Research," National Institutes of Health.</p> <p>Abstract Grader, Nutrition and Epidemiology, Scientific Sessions, American Heart Association.</p>

Faculty Member	Committee Membership
Edgar Miller (continued)	<p>Member, Cardiovascular Outcomes Committee, AASK & AASK Cohort Study.</p> <p>Chair, Measurement Committee, OMNI Heart Study.</p> <p>Co-Director, Cardiovascular Disease Outcomes Committee, CRIC Study.</p> <p>Chair, Measurement Committee, OMNI CARB.</p> <p>Co-Chair, Measurement Committee, POWER Trial.</p> <p>CHF Outcomes Committee –ARIC study.</p>
Rulan Parekh	<p>Faculty, Postgraduate Education Course, 40th Annual Meeting of the American Society of Nephrology.</p> <p>Member, Scientific Program Committee, 40th Annual Meeting of the American Society of Nephrology.</p> <p>Member, Clinical Scientist Selection Committee, American Kidney Fund.</p> <p>Member, Education Committee, American Kidney Fund.</p> <p>Member, NKF-K/DOQI Advisory Board, National Kidney Foundation.</p> <p>Member, Clinical Research Committee, National Kidney Foundation</p> <p>Member, Board of Trustees, American Kidney Fund.</p>
Neil Powe	<p>Chair, Institutional Review Board, Health Care Access and Cost Commission, State of Maryland.</p> <p>Member, Committee on Conflict of Interest in Medical Research, Education, and Clinical Practice, Institute of Medicine, National Academy of Sciences.</p> <p>Member, Board of Scientific Counselors, National Center for Health Statistics, Centers for Disease Control and Prevention.</p> <p>Member, National Advisory Committee, Physician Faculty Scholars Program, Robert Wood Johnson Foundation.</p> <p>Member, Secretary's Advisory Committee on Human Research Protections, Department of Health and Human Services.</p> <p>Member, Board of Directors, American Board of Internal Medicine.</p> <p>Chair, Steering Committee and Technical Advisory Panel, National Voluntary Consensus Standards for End Stage Renal Disease Care. National Quality Forum.</p> <p>Member, Nominating Committee, AcademyHealth.</p>

Faculty Member	Committee Membership
Neil Powe (continued)	<p>Member, Distinguished Investigator Award Committee, AcademyHealth.</p> <p>Member, Research Grant Review Committee, American Society of Nephrology.</p> <p>Member, Health Services Research and Ethics in Dialysis Abstract Review Committee, American Society of Nephrology.</p> <p>Member, Public Policy Committee, American Society of Nephrology.</p> <p>Member, Medical Advisory Board, National Kidney Foundation of Maryland.</p> <p>Member, Advisory Board, Kidney Disease Outcomes Quality Initiative, National Kidney Foundation.</p> <p>Member, Kidney Disease Outcomes Quality Initiative Advisory Committee, National Kidney Foundation.</p> <p>Member, Improving Doctoring for Elder Americans (IDEA) Task Force, Society of General Internal Medicine.</p> <p>Member, Abstract Review Committee, Health Disparities, Society of General Internal Medicine.</p>
Elizabeth Selvin	<p>Member, Stroke Council, Council on Epidemiology and Prevention, American Heart Association.</p> <p>Member, Early Career Committee, Council on Epidemiology and Prevention, American Heart Association.</p> <p>Abstract Reviewer, Cardiovascular Disease Epidemiology and Prevention Annual Conference, American Heart Association.</p> <p>Abstract reviewer, Scientific Sessions, American Diabetes Association.</p> <p>Internal Manuscript Reviewer, Atherosclerosis Risk in Communities (ARIC) Study.</p>
Nae-Yuh Wang	<p>Co-organizer, Medical Forum, between Show-Chwan Health Care System (Taiwan) and the Johns Hopkins University School of Medicine.</p> <p>Member, Executive Committee, Childhood Development after Cochlear Implantation (CDaCI) Study.</p> <p>Member, Data Safety Monitoring Board, Exercise Training in Type 2 Diabetes and Hypertension: The Shape 2 Trial.</p> <p>Member, Hopkins Oversight Committee, Practice Based Opportunities for Weight Reduction (POWER) Trial.</p> <p>Member, Power, Sample Size, and Analysis Committee, for NHLBI Funded U01 National Consortium.</p>

FACULTY EDITORIAL ACTIVITIES, 2007-2008

Editorships are an indication of the extent to which our faculty are recognized in peer-reviewed research. During the 2007-2008 fiscal year, Welch Center core faculty members held over two-dozen editorial positions with peer-reviewed journals. Editorships held by core faculty members are listed below.

Faculty Member	Editorial Activity
Lawrence Appel	Editorial Board, <i>Clinical Journal of Hypertension</i> Editorial Board, <i>Journal of Human Hypertension</i> Editorial Board, <i>Hypertension</i>
Brad Astor	Associate Editor, <i>American Journal of Epidemiology</i>
Marian Batts-Turner	Editorial Board, <i>Advanced Studies in Nursing</i>
Lisa Cooper	Editorial Board, <i>Health Services Research</i>
Josef Coresh	Associate Editor, <i>American Journal of Epidemiology</i>
Rosa Crum	Associate Editor, <i>American Journal of Epidemiology</i>
Daniel Ford	Editorial Board, <i>General Hospital Psychiatry</i>
Susan Furth	Editorial Board, <i>Advances in Chronic Kidney Disease</i> Editorial Board, <i>Journal of American Society of Nephrology</i>
Tiffany Gary	Associate Editor, <i>Progress in Community Health Partnerships</i>
Sherita Golden	Editorial Board, <i>Obesity Research</i>
Eliseo Guallar	Editorial Board, <i>Environmental Health Perspectives</i> Editorial Board, <i>Nutrition Journal</i> Editorial Board, Methodologic and statistical advisor, <i>Medicina Clínica</i> (Barcelona) Associate Editor, <i>American Journal of Epidemiology</i> Associate Editor, <i>Annals of Internal Medicine</i>
Felicia Hill-Briggs	Editorial Board, <i>Rehabilitation Psychology</i>
Michael Klag	Editor-in-Chief, " <i>Johns Hopkins Family Health Guide</i> " Editorial Consultant, <i>American Journal of Epidemiology</i>
Rulan Parekh	Associate Editor, <i>American Journal Kidney Diseases</i> Associate Editor, <i>Advances in Chronic Kidney Disease</i>
Neil Powe	Editorial Board, <i>Health Affairs</i> Editorial Board, <i>Ethnicity and Disease</i> Editorial Board, <i>Advances in Chronic Kidney Diseases</i> Associate Editor, <i>Journal of the American Society of Nephrology</i>

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**CLINICAL RESEARCH GRAND ROUNDS
AT THE WELCH CENTER**

September 2007 – May 2008

DATE	TITLE	SPEAKER
September 2007		
9/5/07	Overview of Activities and Research Opportunities in the Welch Center for Prevention, Epidemiology and Clinical Research	Neil R. Powe, MD, MPH, MBA Director, Welch Center; Professor of Medicine, Epidemiology, and Health Policy and Management Johns Hopkins Medical Institutions
9/12/07	Hormones and Men's Health in NHANES III	Elizabeth Platz, ScD, MPH Associate Professor of Epidemiology JHU Bloomberg School of Public Health
9/19/07	Interstitial Lung Disease—The Idiopathic and the Unknown	Sonye Danoff, MD, PhD Assistant Professor of Medicine- Pulmonary/ Respiratory JHU School of Medicine
9/26/07	Parity, Reproductive Factors and Type 2 Diabetes	Wanda K. Nicholson, MD, MPH Assistant Professor of OB GYN, and Population and Family Health Sciences Johns Hopkins Medical Institutions
October 2007		
10/3/07	Appel vs. Meinert (Round 1): A Debate on Clinical Trial Issues	Curt Meinert, PhD Professor of Epidemiology JHU Bloomberg School of Public Health Lawrence Appel, MD, MPH Professor of Medicine, Epidemiology and International Health Johns Hopkins Medical Institutions
10/10/07	Lung Transplantation in Scleroderma: Is It an Option?	Allan Gelber, MD, MPH, PhD Associate Professor of Medicine/ Rheumatology JHU School of Medicine
10/17/07	Measuring and Enhancing Clinical and Translational Research at Johns Hopkins: Opportunities for the NIH Clinical and Translational Sciences Award (CTSA)	Daniel Ford, MD, MPH Professor of Medicine/GIM Vice Dean, Clinical Investigation Johns Hopkins Medical Institutions

10/24/07	Analysis of Disease Outcomes with Longitudinal Biomarker Covariate Processes	Erning Li, PhD Assistant Professor of Statistics Texas A & M University
10/31/07	Cardiovascular Effects of Sex Hormones	Pamela Ouyang, MBBCh Professor of Medicine/Cardiology JHU School of Medicine
November 2007		
11/7/07	A Bi-directional Longitudinal Association Between Depression and Type 2 Diabetes	Sherita Golden, MD, MHS Associate Professor of Medicine and Epidemiology Johns Hopkins Medical Institutions
11/14/07	Nonadherence with Chronic Therapy: More Than Just Forgetting	Cynthia Rand, PhD Professor of Medicine-Pulmonary and Critical Care Medicine JHU School of Medicine
11/28/07	The Bridge Study: Patient-Centered Depression Care for African Americans	Lisa Cooper, MD, MPH Professor, Medicine, Epidemiology, and Health Behavior and Society Johns Hopkins Medical Institutions
December 2007		
12/5/07	Genetic Analysis of Type 2 Diabetes in the Framingham Heart Study	James B. Meigs, MD, MPH Associate Professor of Medicine Harvard Medical School
12/12/07	A Behavioral RCT for HIV and STD Prevention—Project Accept in Thailand	David Celentano, ScD, MPH Professor of Epidemiology Director, Infectious Disease Epidemiology JHU Bloomberg School of Public Health
January 2008		
1/9/08	Brain-Immune Interactions: Science of Mind-Body Connections	Esther M. Sternberg, MD Director, Intramural Integrative Neural Immune Program, NIMH Chief, Section on Neuroendocrine Immunology and Behavior, NIMH National Institutes of Health
1/16/08	Marfan Syndrome and Related Disorders: From Molecules to Medicines	Hal Dietz, MD Victor McKusick Professor of Genetics and Medicine JHU School of Medicine; Investigator, Howard Hughes Medical Institute

1/23/08	Building a Program of Research Using a Community Based Participatory Research Approach	Miyong T. Kim, RN, PhD, FAAN Associate Professor JHU School of Nursing
1/30/08	“Neuro-Nephrology”: The Relationship Between Chronic Kidney Disease and Ischemic Brain Disease	Stephen Seliger, MD Assistant Professor of Medicine- Nephrology Univ. of Maryland School of Medicine
February 2008		
2/6/08	Stroke After Cardiac Surgery: Mechanisms and Outcomes	Rebecca Gottesman, MD, PhD Assistant Professor of Neurology- Cerebrovascular Neurology Johns Hopkins Hospital Johns Hopkins Bayview Medical Center
2/13/08	Cancer Prevention and Treatment: Found in Translation	Elizabeth M. Jaffee, MD The Dana and Albert “Cubby” Broccoli Professor of Oncology, The Sidney Kimmel Cancer Center, Johns Hopkins Medical Institutions
2/20/08	The Multi-Ethnic Study of Atherosclerosis (MESA)	Wendy Post, MD Associate Professor of Medicine and Epidemiology-Cardiology JHU School of Medicine
2/27/08	Cardiac MRI: Potential Role in the Evaluation of Arrhythmic Substrate and Prognosis in Cardiomyopathy	Katherine C. Wu, MD Assistant Professor of Medicine- Cardiology JHU School of Medicine
March 2008		
3/5/08	Cardiovascular Epidemiology in the Asia-Pacific Region	Mark Woodward, PhD, MSc, CStat Professor of Medicine and Director, Biostatistics Core Department of Medicine The Mount Sinai Medical Center, NY
3/12/08	Outcomes Research in Sickle Cell Disease	Mary Catherine Beach, MD, MPH Assistant Professor of Medicine and Health Policy and Management Johns Hopkins Medical Institutions
3/19/08	Selenium and Cancer	Mary Reid, BSN, MSPH, PhD Associate Professor of Oncology Dept. of Cancer Prevention and Control Roswell Park Cancer Institute, NY

3/26/08	News from the Front Lines of Weight Loss Research: An Update on Recently Completed and Ongoing Trials	Lawrence J Appel, MD, MPH Professor of Medicine, Epidemiology and International Health Johns Hopkins Medical Institutions
April 2008		
4/2/08	Disconnect Between Benefits from and Access to Kidney Transplantation	Dorry Segev, MD Assistant Professor of Surgery JHU School of Medicine
4/9/08	Does decreased oxidative capacity link obesity with its metabolic complications?	J. Hunter Young, MD, MHS Assistant Professor of Medicine and Epidemiology JHU School of Medicine
4/16/08	Results of the First Clinical Trial of a Myostatin Inhibitor in a Disease Population: A Phase I/II Trial of MYO-029 in Adult Muscular Dystrophy	Kathryn R. Wagner, MD, PhD Associate Professor of Neurology JHU School of Medicine
4/23/08	Chronic Kidney Disease in HIV-infected Individuals	Gregory M. Lucas MD, PhD Associate Professor of Medicine- Infectious Diseases JHU School of Medicine
4/30/08	Perceptions of Breast Cancer Treatment among African-American Women and Men: Implications for Educational Interventions	Christopher Masi, MD, PhD Assistant Professor Section of General Internal Medicine University of Chicago Pritzker School of Medicine
May 2008		
5/7/08	The HPV in Perimenopause (HIP) Study – Sex and Immunity in the Menopausal Transition	Patti Gravitt, PhD Assistant Professor of Epidemiology JHU Bloomberg School of Public Health
5/14/08	The ADVANCE trial and the benefits of blood pressure lowering amongst patients with diabetes	Mark Woodward, PhD, MSc, CStat Professor of Medicine and Director, Biostatistics Core Department of Medicine The Mount Sinai Medical Center, NY
5/28/08	Measuring Aging: How will we know when interventions work?	Karen Bandeen Roche, PhD Professor of Biostatistics and Medicine JHU Bloomberg School of Public Health

WELCH CENTER ACTIVITIES LISTING, 2007-2008

- *CLINICAL RESEARCH GRAND ROUNDS AT THE WELCH CENTER**
Wednesdays, September through May, 12:00-1:15 (lunch provided 12:00-12:15)
Research Pearls 12:05-12:15
Suite 1-500Q Seminar Room
Open to all students, trainees, and faculty
Agenda posted at web site
(http://www.jhsph.edu/welchcenter/seminars/grand_rounds.html)
This weekly conference, sponsored by the Welch Center and the Graduate Training Program in Clinical Investigation, provides an opportunity for Welch Center faculty and guest scientists to present the results of ongoing, planned, and completed research. Grand Rounds will begin with short presentations called “Clinical Research Pearls” which focus on useful and innovative tools (i.e., statistical, informational, biochemical) that may be helpful to increase research effectiveness and efficiency. We hope that faculty and students alike will learn something practical that they can then implement in their own work.
Faculty Contact: Dr. Neil Powe, Director, Welch Center
Staff Contact: Ms. Mary Cay Reynolds, mreyno13@jhmi.edu; 410-502-2384
- WELCH CENTER RESEARCH SEMINAR (JOURNAL CLUB)**
Tuesdays, September through May, 12:15-1:00 p.m. (bring lunch 12:00-12:15)
Whelton Room (2024 E. Monument St., Room 2-603)
**Open to any interested trainee or faculty member.*
Available for academic credit through course number 340.871
Schedule is posted at web site
(http://www.jhsph.edu/welchcenter/seminars/journal_club.html)
The journal club provides an opportunity for students and faculty to discuss articles relevant to clinical and cardiovascular epidemiology. A primary goal of the series is to provide a forum for discussion of methodologic issues as well as an opportunity for students to interact with faculty. Interested students can receive up to 1 academic credit per term for their participation in Welch Center Research Seminar by registering for course 340.871 and fulfilling certain requirements. Please contact Ms. April Lawner, alawner@jhu.edu, or Dr. Elizabeth Selvin, lselvin@jhsph.edu, for more information.
Faculty Contacts: Drs. Elizabeth Selvin (lselvin@jhsph.edu; 410-614-3752) and Gail Daumit (410-614-6460; gdaumit@jhmi.edu)
Staff Contact: Ms. Mary Cay Reynolds (mreyno13@jhmi.edu; 410-502-2384)
- DEVELOPING RESEARCH SKILLS & RESEARCH IN PROGRESS**
Fourth Monday and the preceding Thursday of every month, September through May, 12:15-1:15 pm, Whelton Room, 2024 E. Monument St., Room 2-603
**Monthly meetings are designed to meet the needs of Master’s and Doctoral degree candidates in the Clinical Epidemiology and Cardiovascular Disease Programs who have advisors within the Welch Center. At each meeting, degree candidates provide a report related to their research project.*

Faculty contacts: Dr. Cheryl Anderson (410-614-0761; chanders@jhsph.edu), Dr. Brad Astor (410-502-2779; bastor@jhsph.edu), and Dr. Rosa Crum (410-614-2411; rcrum@jhsph.edu)
Staff Contact: Ms. Beverly Thomas (410-614-6928; beverly@jhmi.edu)

4. **INTEREST GROUP SEMINARS**

Informal discussions of research in progress and review of important new articles in the field.

Diabetes and Obesity

*Wednesday mornings Sept-June, from 8:30-9:30 am (coffee and muffins served)
Whelton Room, 2024 E. Monument St., Room 2-603*

Faculty Contact: Drs. Frederick Brancati (410-614-1135; fbrancat@jhmi.edu) and Sherita Hill Golden (410-502-0993; sahill@jhmi.edu)

Student Contact: Dr. Ruben Hernaez (443-983-1612; rhernaez@jhsph.edu)

Staff Contact: Ms. Carolyn Robinson (410-614-1135; crobin44@jhmi.edu)

Health Services and Outcomes Research Interest Group

4th Tuesday of each month, Sept.-June (3:00-4:30 pm)

Dates for fall 2008 TBA

2024 E. Monument St., Suite 2-600, Whelton Conference Room 2-603

Faculty contacts: Drs. Lisa Cooper (410-614-3659; lisa.cooper@jhmi.edu); Ebony Boulware (443-287-2582; lboulwa@jhmi.edu); Gail Daumit (410-614-6460; gdaumit@jhmi.edu)

Staff contact: Ms. Kathleen Wolfe (410-502-3641; kwolfe1@jhmi.edu)

Renal Disease Interest Group

*Second and fourth Wednesdays of the month, September through June, 4:00-5:00 pm
(Second Wednesdays will be reserved for fellows' presentations; fourth Wednesdays will be reserved for research ideas, research project discussion, journal review, guest speakers, etc.)*

Whelton Room, 2024 E. Monument St., Room 2-603

Faculty contacts: Dr. Bernard Jaar (410-614-6464; bjaar@aol.com); Dr. Rulan Parekh (rsparekh@jhsph.edu, 410-502-5745, Dr. Susan Furth (sfurth@jhmi.edu; 410-502-7964)

Staff contact: Ms. Patricia Bayton (410-614-3994; pbayton@jhsph.edu)

Methods and Ideas in Cardiovascular Epidemiology (MICE)

First and third Friday of every month, September-June, 9:00-10:00 am

Whelton Room, 2024 E. Monument St., Room 2-603

Informal meeting to review innovative approaches to ongoing research among faculty or students in the cardiovascular epidemiology program.

Faculty contact: Dr. Josef Coresh (410-955-0495; coresh@jhu.edu) and Dr. Elizabeth Selvin (lselvin@jhsph.edu; 410-614-3752)

Staff contact: Ms. Laura Camarata (410-955-0495; lcamarat@jhsph.edu)

5. **COURSES ORGANIZED BY WELCH CENTER FACULTY**

Principles of Clinical Epidemiology and Outcomes Research (340.620)

1-500Q Seminar Room; Second Term

Open to any interested student or faculty member.

**Required for master and doctoral students affiliated with the Clinical Epidemiology Program.*

The intent of this course is to provide a structured setting for discussion of topics related to clinical epidemiology and outcomes research. Most sessions focus on the role of quantitative methods in understanding and improving clinical medicine. Core and guest lecturers provide an

Overview of methods and approaches to clinical epidemiology and outcomes research. Students work individually and in groups to apply principles learned in course to realistic clinical problems.

Faculty Contact: *Dr. Daniel Ford (410-614-0986; dford@jhmi.edu); Dr. J. Hunter Young (jhyoung@jhmi.edu; 410-502-5808)*

Staff Contact: *Ms. Catherine Wren (410-614-0986; cwren2@jhmi.edu)*

Introduction to Clinical Research: A Two-week Intensive Course (340.655)

July, Summer Term

Bloomberg School of Public Health

This course is intended primarily for fellows in the clinical departments and for medical students. It is an intensive two-week introduction to clinical research methods.

Epidemiological, biostatistical and computing concepts will be emphasized. No prior knowledge of these disciplines is required. Informative handout materials and homework exercises are provided at each session. Pre-registration is required. Enrollment is limited to 50.

A full-time commitment is a PRE-REQUISITE TO PARTICIPATION.

Faculty Contacts: *Drs. Daniel Ford (443-287-4234; dford@jhmi.edu), Steven Goodman (410-955-4596; sgoodman@jhmi.edu).*

Staff Contact: *Ms. Roxanne Stambaugh (410-502-5999; rstamba1@jhmi.edu)*

Introduction to Cardiovascular Disease Epidemiology (340.607)

Third term – Bloomberg School of Public Health (Location TBA)

Mondays, 1:30-2:50; Wednesdays 1:30-2:50; Fridays, 1:30-2:50

**Discusses the epidemiology and prevention of cardiovascular disease, focusing on coronary heart disease, stroke, and end-stage renal disease, emphasizing the interrelationships of biological and behavioral aspects. Focuses on established major modifiable risk factors for cardiovascular diseases, putative risk factors, and genetic susceptibility. Covers the social burden of disease and prevention strategies. Student evaluation based on class discussion, a mid-term take-home exam, and a final exam.*

Prerequisites are 340.601, core epidemiology knowledge of clinical and pathological aspects of diseases covered.

Faculty Contact: *Dr. Josef Coresh (410-955-0495; coresh@jhu.edu)*

Staff Contact: *Ms. Laura Camarata (410-955-0495; lcamarat@jhsph.edu)*

Advanced Topics in Cardiovascular Disease Epidemiology (340.803)

Tuesdays, 8:30-10:30 a.m., third term

Whelton Room (2024 E. Monument St., Room 2-603)

This course is restricted to students in the cardiovascular disease epidemiology concentration who have previously taken Cardiovascular Disease Epidemiology.

Special studies course in cardiovascular disease epidemiology. Students lead discussions on seminal articles in either the history or future of risk factors for CVD. Each student will choose

a topic and prepare an overview of the risk factor, and biological plausibility of the risk factor being in pathway of atherosclerosis. Finally, the student will present a recent article and prepare and submit a critical review of the manuscript in the form of a “letter to the editor.”

Faculty Contact: A Richey Sharrett, M.D., Dr. P.H. (rsharret@jhsph.edu); Edgar (Pete) R. Miller, III, Ph.D., M.D. (410-502-6444; ermiller@jhmi.edu)
Staff contact: TBA

Biological Basis of Cardiovascular Disease Epidemiology (340.855)

Fourth term, alternating years (held in 2008); days and times TBA

Whelton Room (2024 E. Monument St., Room 2-603)

Course is restricted to students in the cardiovascular disease epidemiology concentration.

Overview of cardiovascular pathophysiology specifically geared for students without a clinical medicine background. Topics covered include cardiac structure and function, atherosclerosis, lipids, heart failure, hypertension, kidney function, and diabetes. The course focuses on the pathological processes that lead to sub-clinical and clinical disease and common diagnostic techniques.

Faculty Contact: Dr. Brad Astor (410-502-2779; bastor@jhsph.edu)
Staff Contact: Ms. Beverly Thomas, (410-614-6928; beverly@jhmi.edu)

Assessment of Clinical Cardiovascular Disease (340.730)

Tuesdays, 1:30-3:30 p.m., Third term, alternating years (held in 2008)

Whelton Room (2024 E. Monument St., Room 2-603)

Course is restricted to students in the cardiovascular disease epidemiology concentration.

Students will become familiar with techniques used to detect and quantify the presence of clinical cardiovascular disease. Initially, students will be given a tour of the hospital, medical records department, angiography, echocardiography, and vascular laboratories. Students as a group will observe radiographic (CT and MRI) imaging of atherosclerosis and review gross and histological specimens of atherosclerosis in the pathology laboratory. One session will be spent in the anatomy lab viewing cadaver atherosclerotic lesions. In addition, each student will choose to make direct observations of any one imaging technique including cardiac of carotid echocardiography, coronary of peripheral angiography, coronary calcium scores using EBCT or Helical CT, or clinical assessment of blood pressure and ankle/brachial index. Based on their experiences, a final report of any one imaging technology will be presented to the group.

Faculty Contact: Dr. Edgar (Pete) R. Miller (410-502-6444;ermiller@jhmi.edu)

***Introduction to Diabetes and Obesity Epidemiology (340.644)**

Tuesdays, 3:30PM - 5:20PM, Fourth term, every year (Location TBA)

Prereqs: 340.601; first-year MHS or PhD students primarily in Epidemiology; MPH students.

This course describes the epidemiology and prevention of diabetes, obesity, and associated complications. It discusses methodological issues associated with evaluating these in epidemiologic studies. It is designed to cover the global epidemics of diabetes and obesity, environmental and genetic risk factors, as well as interventions to improve diabetes outcomes and weight management. The course includes lectures from several expert faculty members in the School of Public Health and the School of Medicine. After successful completion of this course, students will be able to 1) describe the epidemiology and prevention of diabetes, obesity, and associated complications; 2) discuss methodological issues associated with evaluating these in epidemiologic studies; 3) apply methodological principles when implementing research studies or interpreting the scientific literature.

Faculty Contact: Tiffany Gary, PhD, MHS (410-614-8280; tgary@jhsph.edu)

Staff Contact: TBA

Introduction to Genetic Epidemiology (340.664)

Epidemiology, first term. Tuesdays 8:30-10:20; Thursdays 8:30-10:20

Prereq: College-level biology or genetics

Location: Bloomberg School of Public Health W4030

First in a four-term series. Presents fundamental concepts and methods in genetic epidemiology. Reviews basic terminology of genetics, introduces basic principles of population genetics, and provides an overview of various genetic epidemiology study designs, covering basic analysis, inferences, plus their strengths and limitations. Presents methods for assessing familial aggregation/ correlation, and covers statistical techniques for modeling inheritance of complex phenotypes on family data.

Faculty Contact: Wen Hong Linda Kao, PhD, MHS (410-614-0945;

wkao@jhsph.edu)

Staff Contact: Ms. Jeanne Wenger (410-955-7961; jwenger@jhsph.edu)

Practical Skills in Conducting Research in Clinical Epidemiology and Investigation (340.660)

Tuesdays and Thursdays, 10:30-11:50 am; First term

Limited to 15 students for first offering

Prereqs: Students need to have completed the first-year Epi and Biostat courses.

Emphasizes the practical aspects of conducting and organizing a clinical research project. Focuses on developing skills to conduct and manage a research protocol, monitor the data collection, manage the data, and disseminate results. Covers basic components of a clinical research team, the components of good clinical practice, the responsibilities, expertise and tasks that each member is expected to perform, and organizational, logistical and attitudinal issues that need to be

addressed in producing an effective research group, specifically translational research and the kinds of issues that arise in the multi-disciplinary teams brought together to conduct it. After completing this course, a student should be able to: identify the required components of a clinical research study, prepare an informed consent for a clinical study, develop a plan for conducting clinical research, construct a recruitment strategy, distinguish among basic data collection procedures, develop data collection forms, assess quality assurance procedures for specific clinical study designs, define the requirements for conducting clinical trials, and distinguish and identify reporting requirements for clinical studies.

Faculty Contacts: *Nancy Fink, MPH (nfink@jhsph.edu; 410-614-3994); Lisa Jacobson, ScD (ljacobso@jhsph.edu; 410-955-4320)*

Staff Contact: *Ms. Patricia Bayton (pbayton@jhsph.edu; 410-614-3994)*

Introductory Grant Writing for Clinical Researchers (340.720)

Tuesdays, 2:30 – 5:20p.m., Fourth term, every year

Location: Welch Center, 2024 E. Monument St., Room 1-500

Prereqs: Completion of 340.753 and either 140.623 or 140.653 OR equivalent graduate-level biostatistics and research methods coursework.

This course provides students with the knowledge and skills to write a successful grant application. There will be a particular focus on federal grant writing with emphasis on K-series and Career Development awards. Although the course will emphasize the skills involved in crafting the research component part of an NIH mentored research, the process of identifying and applying to Foundations and private industry for supplemental funds will also be covered. Students will also be introduced to the NIH procedures of electronic grant submissions and will gain experience in critiquing proposals using NIH grant reviewer criteria. This is a participatory course in which readings, lectures and assignments will be geared toward student production of a full grant proposal that has been peer reviewed by both class members and faculty experts. This is a 3-unit course that will be conducted in a workshop format. Attendance and participation at all class sessions is expected.

Faculty Contact: *Susan Furth, MD, PhD (410-502-7964; sfurth@jhmi.edu)*

Staff Contact: *TBA*

* Master's and doctoral students in the clinical epidemiology and cardiovascular epidemiology concentrations are required to attend.

6. **CONTACT INFORMATION FOR WELCH CENTER FACULTY**

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Dr. J. Hunter Young	410-502-5808, jhyoung@jhmi.edu

7. **WELCH CENTER FACULTY INTERESTS**

Behavioral	Boulware, Hill-Briggs
Cancer	Ford, Powe
Coronary Artery Disease	Astor, Coresh, Golden, Guallar, Klag, Meoni, Miller, Navas-Acien, Parekh, Selvin, Young
Depression	Cooper, Crum, Ford, Gary, Golden
Diabetes	Anderson, Batts-Turner, Brancati, Gary, Golden, Hill-Briggs, Kao, Navas-Acien, Selvin
Meta-analysis	Guallar, Navas-Acien, Powe, Selvin
Endocrinology	Golden, Powe
Environmental Health	Guallar, Navas-Acien
Ethics	Beach
Evidence-based Medicine	Guallar, Powe
Genetics	Coresh, Kao, Parekh, Young
Hearing Impairment	Fink, Wang
Hypertension	Appel, Cooper, Guallar, Klag, Miller
Inflammation	Coresh
Kidney Disease	Anderson, Appel, Astor, Boulware, Coresh, Fink, Furth, Kao, Klag, Miller, Powe, Parekh, Selvin
Lifestyle Modification	Anderson, Appel, Batts-Turner, Hill-Briggs, Miller
Mental Health	Cooper, Crum, Daumit, Ford
Methods	Appel, Astor, Coresh, Fink, Guallar, Hill-Briggs, Wang
Minority Health Disparities	Anderson, Batts-Turner, Beach, Boulware, Brancati, Cooper, Daumit, Gary, Hill-Briggs, Powe
Nonalcoholic Fatty Liver Disease	Clark, Kao
Nutrition	Anderson, Appel, Miller
Obesity	Appel, Batts-Turner, Brancati, Clark, Gary
Patient-Physician Communication	Beach, Cooper, Ford
Pediatrics	Furth, Parekh
Physiology	Young
Primary Care	Beach, Boulware, Cooper, Daumit, Ford
Quality Improvement	Batts-Turner, Cooper, Daumit, Ford, Powe
Schizophrenia	Crum, Daumit
Statistics	Coresh, Guallar, Meoni, Wang
Stroke	Hill-Briggs, Parekh
Substance Abuse	Crum, Ford
Urban Health	Cooper, Gary

Please visit the Welch Center's web site at <http://www.jhsph.edu/welchcenter>

**WELCH CENTER FACULTY
DIVERSITY DEMOGRAPHICS**

Distribution of Faculty by Gender, Ethnicity, and Rank N= 31, 2008-09

	Male	Female	European/ Caucasian	Under- represented Minority	Other Ancestry
Research Associate N = 2	-0-	2	1	1	-0-
Instructor N = -0-	-0-	-0-	-0-	-0-	-0-
Asst. Prof. N = 8	3	5	4	2	2
Assoc. Prof. N = 12	2	10	7	3	2
Professor N = 9	6	3	6	3	-0-
Total N N = 31	11	20	18	9	4
% of Total	35%	65%	58%	29%	13%

Diversity by Part-time and Full-time Status, 2008-2009

	Male	Female	European/ Caucasian	Under- represented Minority	Other Ancestry	Total N	% of Total Faculty
Part-time							
Full-time	11	20	19	8	13	31	100%

New Divisional Faculty and Departing Faculty: 2007-2008

	Male N (%)	Female N (%)	European/ Caucasian N (%)	Under- represented Minorities N (%)	Other Ancestry N (%)	Total N	% of Total Faculty
New Faculty		1 (3%)	1 (3%)			1 (3%)	3%
Departing Faculty							