

Network of Minority Health Research Investigators

NMRI News
Fall 2014



National Institute of
Diabetes and Digestive
and Kidney Diseases



A MESSAGE FROM DR. AGODOA

In 2002, the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) established the Network of Minority Health Research Investigators (NMRI) in the Office of Minority Health Research Coordination (OMHRC) to address the impact of health disparities on disease in minority populations and promote the success of minority faculty members.

The NMRI is a communication network of minority biomedical research investigators who contribute greatly to biomedical research—particularly in the fields of diabetes, endocrinology and metabolism; digestive diseases and nutrition; and kidney, urologic, and hematologic diseases—while strengthening diversity in science through mentoring. More than 300 researchers have participated in NMRI workshops in the past decade, and approximately 100 are active members.

The Network's senior members function as collaborators and career counselors for the younger investigators, helping them develop grant applications, navigate the tenure process, and balance faculty commitments. The NMRI is successful when its junior members can more confidently progress along their academic paths thanks to the adroit mentoring of senior members. The Network will not function without senior faculty serving as mentors. Building NMRI membership and participation will continue to add value to the Network. The NMRI has a list of committed senior faculty who may or may not come to the annual Workshop, but who are willing to assist junior faculty and mentor via telephone or email.

In addition to the NMRI, the NIDDK supports several other efforts to promote diversity and increase the numbers of underrepresented ethnic groups, as well as individuals with disabilities. Several opportunities for researchers with underrepresented backgrounds include travel and scholarship awards, high school and undergraduate programs, and diversity and training meetings. The NIDDK is the fifth-largest Institute at the NIH, and the diseases under the NIDDK's purview are largely chronic, common, and consequential. Its mission is to support and conduct research to combat diabetes and other endocrine and metabolic diseases; liver and other digestive diseases; nutritional disorders; obesity; and kidney, urologic, and hematologic diseases. The NIDDK's core principles are to:

- 1) Maintain a vigorous investigator-initiated research portfolio.
- 2) Support pivotal clinical studies and trials.
- 3) Preserve a stable pool of talented new investigators (one of the missions of the NMRI).
- 4) Foster exceptional research training and mentoring opportunities.
- 5) Ensure knowledge dissemination through outreach and communications.

The NIDDK has engaged in numerous outreach and communications efforts in the past year to accomplish these principles, including the launch of a new website (<http://www.niddk.nih.gov/>). The new website provides a direct link to research and funding announcements for investigators to identify funding opportunities and provides a list of upcoming meetings and events of interest to NIDDK-supported investigators. Many of these efforts are designed to help the research community remain connected.

Lawrence Agodoa, M.D., F.A.C.P.

*Director, Office of Minority Health Research Coordination
NIDDK/NIH*

Awards and Accomplishments

The NMRI would like to recognize the following members for their excellent achievements.

- ▶ **Tiffany R. Beckman, M.D., M.P.H.**, the first American Indian Adult Endocrinologist, was hired onto tenure track in the Division of Diabetes, Endocrinology, and Metabolism in the Department of Medicine at the University of Minnesota.
- ▶ **José R. Romero, Ph.D.**, received the 2013–2014 Harold Amos Faculty Diversity Award. This award was established by the Harvard Medical School to recognize faculty who have made significant achievements increasing diversity and inclusiveness of the Harvard community.

Member Collaborations

NMRI scholars are encouraged to network and create opportunities for collaboration between senior and junior members of the network. NMRI members **April P. Carson, Ph.D., M.S.P.H.**, University of Alabama at Birmingham; **Alethea Hill, Ph.D., M.S.N., ANP-BC**, University of South Alabama; and **Lovoria B. Williams, Ph.D., APRN-BC**, Georgia Regents University, recently coauthored an invited commentary featured in the *Journal of Diabetes and its Complications* evidencing the impact that the NMRI is making among minority researchers in academia.

NMRI 12th Annual Workshop

The NMRI would like to acknowledge the following organizations for sponsoring travel awards to the NMRI 12th Annual Meeting.

The Endocrine Society
American Diabetes Association
American Gastroenterological Association

Report From the NMRI 12th Annual Workshop

The NMRI 12th Annual Workshop was held April 14–15, 2014, drawing participants from across the United States and Puerto Rico. NMRI member **Trudy Gaillard, Ph.D., R.D., C.D.E.**, of the Ohio State University, chaired the NMRI Planning Committee that planned the meeting, which was held at the Natcher Conference Center on the NIH campus in Bethesda, Maryland. Participants ranged from the postdoctoral to the professorial level, and research areas included diabetes, obesity, inflammation, health disparities, epidemiology, endocrinology, nephrology, nutrition, and metabolomics.

NIDDK Director **Griffin Rodgers, M.D.**, welcomed the participants, including newcomers to the NIDDK “family,” and emphasized that the interactions with colleagues at these NMRI Workshops are nothing less than life-changing. He asserted that the NIH is very interested in programs like the NMRI for encouraging diversity in science, and recently named Dr. Hannah Valentine as the new Chief Officer for Scientific Workforce Diversity. During the workshop, attendees considered how the NMRI has helped their careers. Selected responses are included in this Newsletter.

How has the NMRI helped your career?

“Excellent mentorship opportunities. I have learned useful information to advance my career.” – NMRI Member

KEYNOTE ADDRESS

Samuel Dagogo-Jack, M.D., M.S., M.B.B.S., University of Tennessee Health Science Center, presented the Keynote Address on “[Re]Kindling Enthusiasm for Biomedical Research: Overcoming Challenges and Inertia.” Dr. Dagogo-Jack’s keynote address fueled the workshop participants’ enthusiasm for biomedical research. He addressed the question of how to translate this enthusiasm into action and emphasized the importance of finding mentors. With respect to underrepresented minorities, there is a virtuous cycle of diversity. Mentors from underrepresented minorities tend to attract minority students and trainees, who will in turn become productive scholars and eventually develop into independent researchers and mentors. Dr. Dagogo-Jack reminded the participants that “it is an honor and privilege to be involved in the creation and dissemination of knowledge.” Research provides the opportunity to join the ancient guild of seekers of truth and givers of knowledge. Society needs more creative minds to advance the human species, to solve problems, and to write the next chapter in the future of biomedicine.

CAREER AND FUNDING STRATEGIES

Joyce Hunter, Ph.D., NIMHD, presented the “Update on National Institute on Minority Health and Health Disparities (NIMHD) Funding Opportunities.” She introduced the NIH Loan Repayment Program (LRP), which was designed to retain early-career health professionals. The LRP provides an opportunity to engage in biomedical research with a

2-year commitment in exchange for paying educational loans. The program is designed to retain health professionals in pediatric research, contraception and infertility research, and health disparities research, as well as clinical researchers from disadvantaged backgrounds. The health disparities research loan repayment can apply to any disease or condition, provided that the topic is relevant to health disparity issues. The amount of loan repayment is \$35,000, plus taxes and interest, per year for 2 years.

Kevin McBryde, M.D., NIDDK, spoke about “Research Supplements to Promote Diversity.” He explained that the OMHRC promotes health disparities research and supports investigators in pursuing research in biomedical and behavioral areas. On the website www.grants.nih.gov, there is a link to the NIH’s Office of Extramural Research, where it is possible to search for funding announcements. He drew attention to Program Announcement (PA) 12-149: Research Supplements to Promote Diversity in Health-Related Research (available

at: <http://grants.nih.gov/grants/guide/pa-files/PA-12-149.html>). Eligible parent awards include R awards, P awards, U awards, and others. Dr. McBryde invited participants to view the website www.projectreporter.nih.gov, which is a useful online tool to help identify potential Principal Investigators for a Research Supplement.

Michael Flessner, M.D., Ph.D., NIDDK, introduced the topic of “Pragmatic Trials, Cooperative Effectiveness Research (CER), and Patient-Centered Outcomes Research Institute (PCORI),” which represents a paradigm shift in research by addressing important clinical questions. The goal of the PCORI is to help people make informed health care decisions—and improve health care delivery and outcomes—by producing and promoting high-integrity, evidence-based information that comes from research guided by patients, caregivers, and the broader health care community.

How has the NMRI helped your career?

“I started as a graduate student, then postdoc, and then Associate Professor. Every year, I need to speak to mentors.” – NMRI Member

NETWORKING LUNCH— ROUNDTABLE DISCUSSIONS

During the networking lunch session, the participants attended one of six roundtable discussions, each of which focused on a different career-oriented topic. Subjects included transitioning from a postdoctoral fellowship to faculty, mentoring in clinical research, community-based participatory research, and how to say “no” for success. The discussions were led by **Samuel Dagogo-Jack, M.D., M.S., M.B.B.S.**, University of Tennessee Health Science

Center; **Kwame Osei, M.D.**, The Ohio State University College of Medicine; **Jackson Wright, Jr., M.D., Ph.D.**, Case Western Reserve University; **Marion Sewer, Ph.D.**, University of California, San Diego; **Cherise Harrington, Ph.D., M.P.H.**, George Washington University; **Sylvia Rosas, M.D., M.S.**, Joslin Diabetes Center/Beth Israel Deaconess Medical Center; **Mark Lawson, Ph.D.**, University of California, San Diego; **Heather Tarleton, Ph.D., M.S., M.P.A.P.**, Loyola Marymount University; and **Larry Alexander, Ph.D.**, Midwestern University.

MOCK STUDY SECTIONS

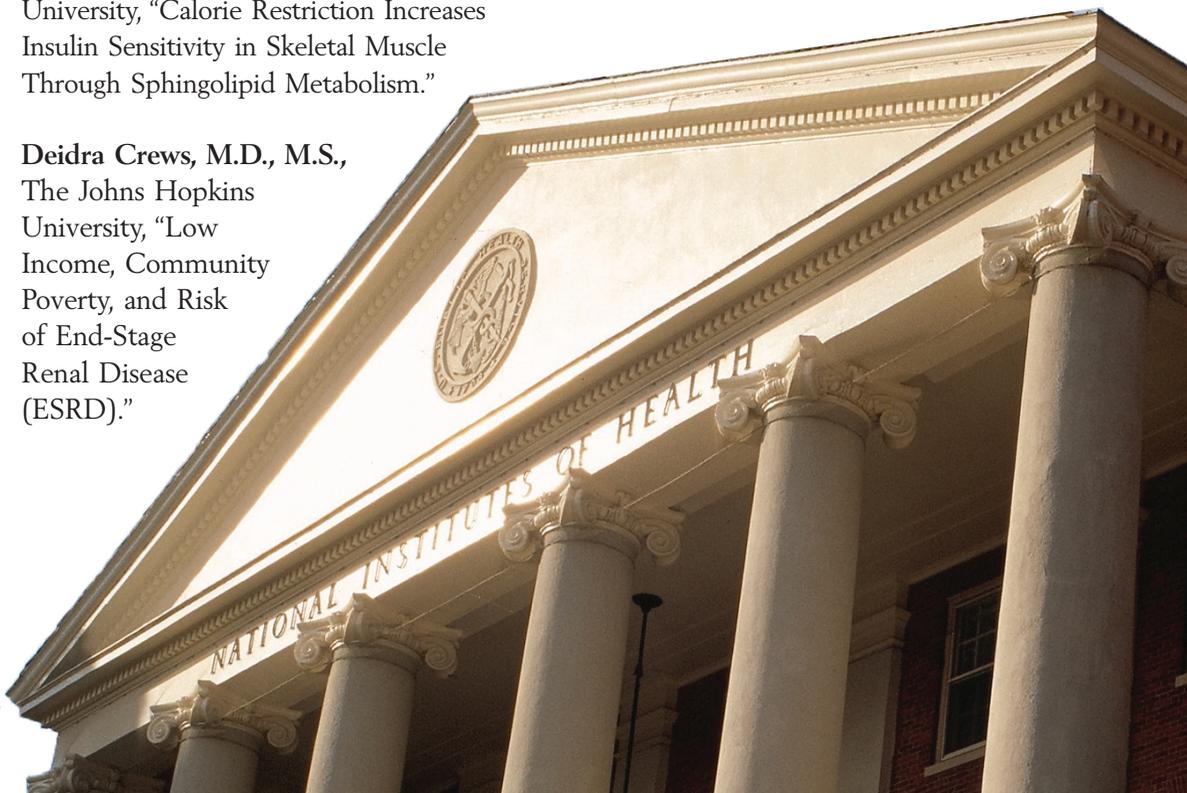
Workshop participants attended one of three Mock Study Sections. Each section covered different types of NIH awards: R01/Basic, R01/Clinical, and K Awards. These sessions were invaluable because of the restricted funding climate. This year's mock study sections were led by NIDDK Scientific Review Officers **Ann Jerkins, Ph.D.**; **Michele Barnard, Ph.D.**; and **Barbara Woynarowska, Ph.D.**; and chaired by **Marion Sewer, Ph.D.**, University of California, San Diego; **Susanne Nicholas, M.D., Ph.D., M.P.H., F.A.S.N.**, University of California, Los Angeles; and **Keith Norris, Ph.D.**, University of California, Los Angeles.

SCIENTIFIC PRESENTATIONS

Each year, several NMRI members are selected from the submitted abstracts and invited to present their research at the Annual Workshop. The speakers at the NMRI 12th Annual Workshop included:

- ▶ **Diana Obanda, Ph.D.**, Pennington Biomedical Research Center, Louisiana State University, "Calorie Restriction Increases Insulin Sensitivity in Skeletal Muscle Through Sphingolipid Metabolism."
- ▶ **Deidra Crews, M.D., M.S.**, The Johns Hopkins University, "Low Income, Community Poverty, and Risk of End-Stage Renal Disease (ESRD)."

- ▶ **Cheedy Jaja, Ph.D., M.P.H., M.N., R.N.**, University of Cincinnati, "Frequencies of CYP2C8, CYP2C9, and CYP2C19 Alleles Related to Antidepressants and Non-Steroidal Anti-Inflammatory Drug (NSAID) Metabolism in a Sickle Cell Disease (SCD) Patient Cohort."
- ▶ **Bubu Banini, M.D., Ph.D.**, Mayo Clinic, "Characterization of Sulfatase 2 (SULF2) Domains Regulating Wingless-type MMTV Integration Site (WNT) Pathway Activity in Hepatocellular Cancer."
- ▶ **Ayotunde Dokun, M.D., Ph.D.**, University of Virginia, "ADAM12 Modifies Severity of Peripheral Arterial Diseases (PAD); Evidence From Preclinical and Human Studies."
- ▶ **Anna Zamora-Kapoor, Ph.D.**, University of Washington, "Parental Determinants of Overweight Among American Indian/Alaska Natives (AI/AN) and Non-Hispanic White Adolescents: Evidence



From the National Longitudinal Study of Adolescent Health (NLSAH), 1994.”

- ▶ **Francisco Villarreal, M.D.**, University of California, San Diego, “Efficacy of (-)-Epicatechin (EPI) in the Treatment of Hypertriglyceridemia in Subjects With and Without Type 2 Diabetes.”

DINNER ADDRESS: IF NOT US, THEN WHOM?

The dinner address was presented by **Jackson Wright, Ph.D.**, Case Western Reserve University. As a minority faculty in health science, Dr. Wright offered several observations made during his career and described a few important changes, some of which have been regrettably small. Dr. Wright focused his presentation on the responsibilities that minority investigators must assume to increase the magnitude of the changes as a marker of success. He outlined three primary objectives as metrics for success: (1) add to the database of disorders that disproportionately affect the minority community; (2) serve as a resource providing expertise for developing practice guidelines for our communities and for the peer-review process to ensure that the minority community is represented; and (3) mentor and advocate for junior minority scientists so the momentum for change is not lost. Dr. Wright noted that minority faculty must learn to enjoy the battle that they will encounter in their careers; it is worth the fight, and many lives in minority communities are at stake. Minorities are dying unnecessarily, and many diseases in communities remain untreated or undertreated. As a minority investigator dealing with the health needs of the community, there is no profession with a greater secondary gain. Minority providers change

the lives of the minority patients whom they serve. Minority investigators, however, have the opportunity to change the lives of entire communities. If not us, then whom?

MARCO CABRERA POSTER CONTEST WINNERS ANNOUNCED

This year, 33 posters were submitted to the Dr. Marco Cabrera poster contest. They represented outstanding research being conducted at numerous academic institutions for NMRI members. Each poster was assessed for content, presentation, and the presenter’s response to questions. Awards were presented for exemplary poster presentations in three areas—Basic, Translational, and Clinical Science. Congratulations to the winners:

Basic Science: Adebowale Adebisi, Ph.D., Associate Professor, University of Tennessee, for the presentation “Lipid Rafts Are Required for Signal Transduction by Angiotensin II Type 1 Receptors in Neonatal Glomerular Mesangial Cells.”

Translational Science: Stacey Moore-Olufemi, M.D., Assistant Professor, University of Texas, for the presentation “Smooth Muscle Thickness Correlates With Short Gut Parameters and Decreased Plasma Amino Acid Levels in Risk Factors Associated With Gastrochisis-Related Intestinal Dysfunction (GRID).”

Clinical: Angedith Poggi-Burke, M.P.H., Technical Intramural Research Training Award Fellow, National Institute on Aging, for the presentation “Association of Racial Discrimination and Kidney Function Decline Among African Americans and Whites.”

ROLE OF SCIENTIFIC SOCIETIES AND PROFESSIONAL ORGANIZATIONS

Participants heard about the role of scientific societies and professional organizations of relevance to the NMRI:

- ▶ **Jesus Rivera-Nieves, M.D.**, detailed why minorities should choose a career in gastroenterology. In addition to the lack of physicians, minority physicians are more likely to serve the minority community, can help change cultural behaviors, are more likely to research health care disparities, and can serve as mentors to other minority physicians. Dr. Rivera-Nieves explained that the **American Gastroenterological Association (AGA)** aims to increase minority representation by investing in outreach programs, summer research experiences for underrepresented individuals, and minority-targeted symposia and skills workshops.
- ▶ **Martin Frank, Ph.D.**, discussed how the **American Physiological Society (APS)** serves as a catalyst in developing a scientific workforce that not only encompasses, but also embraces the benefits of diversity among scientists. Science is incomplete without the contributions of scientists from both genders, diverse backgrounds, and all racial/ethnic groups. He referred the attendees to the APS website at <http://www.the-aps.org/>, which provides information about careers, mentoring, advocacy, and professional skills training.

SAVE THE DATE:

*Announcing the
NMRI 13th Annual Workshop
April 16–17, 2015, Bethesda, MD*

INTERACTIVE WORKSHOPS

The concurrent workshop sessions at the NMRI 12th Annual Workshop were designed as an informal, interactive discussion led by a panel of experts addressing important career development topics for investigators. The participants selected the session of their choice to attend:

Using Clinical and Translational Science to Promote Your Academic Career: The Do's and Don'ts, led by **Samuel Dagogo-Jack, M.D., M.S., M.B.B.S.**, University of Tennessee Health Science Center; **Jackson Wright, Jr., M.D., Ph.D.**, Case Western Reserve University; and **Kwame Osei, M.D.**, The Ohio State University School of Medicine.

The A-to-Z of Setting Up Your New Lab: From Start-up Package Negotiation to Your First Project, led by **Courtney Houchen, M.D.**, University of Oklahoma Health Sciences; **Alexis Stranahan, Ph.D.**, Medical College of Georgia, Georgia Regents University; and **Heather Tarleton, Ph.D., M.S., M.P.A.P.**, Loyola Marymount University.

- ▶ **Myra Kleinpeter, M.D., M.P.H.**, noted that since its inception in 1988, the **American Kidney Fund (AKF)** has supported 33 clinicians through its competitive fellowships. The fellowships are granted annually, with a duration of 2 years. More than half of the fellows remain in academic medicine as nephrology division chiefs and medical department chairs.
- ▶ **Tamara Darsow, Ph.D.**, explained that the mission of the **American Diabetes Association (ADA)** is to prevent and cure diabetes and improve the lives

of all people affected by diabetes. She acknowledged the disparate impact of diabetes across racial/ethnic populations and emphasized the critical importance for disparately affected individuals to be involved as investigators, grant reviewers, and randomized controlled trial (RCT) participants. Dr. Darsow encouraged any interested attendees to get involved, as diverse involvement accelerates progress. For 2015 funding opportunities, attendees

should visit the ADA website at:
<http://professional.diabetes.org/grants>.

MENTOR-MENTEE SESSION

The mentor-mentee session at the NMRI 12th Annual Workshop was designed to provide time for senior NMRI researchers to discuss career- or research-related topics with their mentees and promote active mentoring relationships between senior and junior members.

News From the NMRI Oversight Committee

Lewis Roberts, M.D., Ph.D., 2013–2014 Oversight Committee Chair, mentioned that the NMRI Oversight Committee was actively involved in several projects to achieve the 2013–2014 objectives. He noted that the Committee increased the NMRI's visibility with partner associations and described the partnerships that the NMRI forged with foundations to disseminate information. Dr. Roberts stated that the Oversight Committee discussed convening regional meetings and creating a Linked In interest group. He announced that the 2014–2015 NMRI Oversight Committee will be chaired by **Leonor Corsino, M.D., M.H.S., F.A.C.E.**, Assistant Professor of Medicine in the Division of Endocrinology, Metabolism, and Nutrition at Duke University.

Shirley Blanchard, Ph.D., outlined the NMRI's objectives for 2013–2014, including mentorship, membership retention, increased funding, continued collection of metrics for success, and program evaluation. The data from the program evaluations are used to support the NMRI program. NMRI

members are expected to complete the online survey at <http://www.scgcorp.com/NMRIQuestionnaire/> to report significant accomplishments (e.g., publications, presentations, grants, tenure, and promotions). Members also should complete post-program evaluations, recruit one or more new members per year, and contact at least one organization or society to solicit support for the NMRI.

Virginia Sarapura, M.D., emphasized the importance of mentorship in helping junior scientists navigate their professional careers. She highlighted several key statistics describing the NMRI Mentorship Program based on 27 responses received from 2012 to 2013. Notably, 70 percent of respondents stated that mentorship was the motivation to attend the annual meeting, second only to networking.

How has the NMRI helped your career?

"Confidence to submit grants, write manuscripts, and go outside of the norm to collaborate and to identify mentors." – NMRI Member

The NMRI on the Web



The NMRI website contains a number of resources for members, including:

- ▶ Career development resources for junior investigators, including NIH grant application writing tips, peer review processes, and additional minority programs, are available at <http://nmri.niddk.nih.gov/resources>.
- ▶ Mentors and mentees can be requested by downloading the request form at <http://nmri.niddk.nih.gov/mentor/index.aspx>.
- ▶ The NMRI Membership Directory can be accessed at <http://nmri.niddk.nih.gov/membership/directory.aspx>.
- ▶ Workshops and meetings are announced at <http://nmri.niddk.nih.gov/workshops>. Please visit this site for more information about future meetings as well as to access past meeting reports and presentations.
- ▶ The NMRI Member Questionnaire, which provides the Oversight Committee with insight into member research interests, publications, grants, and promotions, is available at <http://www.scgcorp.com/NMRIQuestionnaire>. Members are encouraged to complete the questionnaire annually to provide feedback on NMRI services and update publications and awards. Results of previous surveys are available at <http://nmri.niddk.nih.gov/membership/questionnaire.aspx>.
- ▶ Previous NMRI Newsletters are available at <http://nmri.niddk.nih.gov/newsletters/index.aspx>.

Snapshot of NMRI Members

STATUS OF NMRI MEMBERS

Fellow—10%
Instructor—4%
Assistant Professor—40%
Associate Professor—20%
Full Professor—13%
Other—13%

Members are encouraged to visit www.scgcorp.com/NMRIQuestionnaire to complete the member survey. Please also send reports of promotions, publications, and successful grant awards to Ms. Winnie Martinez, NIDDK, at martinezw@mail.nih.gov.

NMRI Frequently Asked Questions

WHAT ARE THE QUALIFICATIONS FOR MEMBERSHIP IN THE NMRI?

Membership in the NMRI is available only to investigators who are: (1) at the postgraduate doctoral level or higher; (2) interested in minority health research, including individuals from traditionally underserved communities: African American, Hispanic American, American Indian, Alaska Native, Native Hawaiian, and other Pacific Islanders; (3) conducting research in diabetes; endocrinology; metabolism; nutrition; or digestive, kidney, urologic, or hematologic diseases; and (4) U.S. citizens or have permanent resident status.

In addition, medical students from under-represented minority groups are welcome to attend NMRI meetings if they are conducting research in one of the NIDDK mission areas noted above.

HOW CAN I BECOME A MEMBER OF THE NMRI?

Individuals who qualify should apply for NMRI membership on the NMRI website. Go to <http://nmri.niddk.nih.gov> and click “NMRI Membership Criteria Form,” located in the NMRI Information section near the bottom of the home page.

WHOM DO I CONTACT WITH QUESTIONS ABOUT THE NMRI?

Direct questions or comments to NIDDK staff member Ms. Winnie Martinez, who oversees the NMRI. She can be reached via email at martinezw@mail.nih.gov.

DOES THE NMRI HAVE A WEBSITE WITH MORE INFORMATION?

The NMRI maintains a website and updates it frequently (<http://nmri.niddk.nih.gov>). The website contains information about the NMRI, including meeting announcements, NIDDK funding opportunities, the NMRI Membership Directory, and summary reports on past NMRI meetings. NMRI members can access the NMRI Member Survey on the website as well.

IF I AM AN NMRI MEMBER, HOW CAN I FIND A MENTOR?

The NMRI Mentor Program was established by the Oversight Committee, which maintains a list of NMRI members who have volunteered to serve as mentors. The biographies and research interests of NMRI members are listed in the NMRI Membership Directory (<http://nmri.niddk.nih.gov/membership>), which is useful for identifying potential mentors.

IF I AM AN NMRI MEMBER, HOW DO I SIGN UP TO BE A MENTOR?

An NMRI member who wants to volunteer as a mentor should go to the NMRI website (<http://nmri.niddk.nih.gov>) and click the “NMRI Mentor/Mentee Program” link located in the NMRI Information section near the bottom of the home page to find instructions on becoming a mentor.

NMRI 12th Annual Workshop Poster Abstracts

Adebowale Adebisi: Lipid Rafts Are Required for Signal Transduction by Angiotensin II Type 1 Receptors in Neonatal Glomerular Mesangial Cells

Bubu Banini: Characterization of Sulfatase 2 (SULF2) Domains Regulating WNT Pathway Activity in Hepatocellular Cancer

Tiffany Beckman: Brain Activation by Food Cues Varies With Choice of Visual Stimulus in Non-obese American Indian Women

Susan Brown: Perceived Risk for Type 2 Diabetes Predicts Postpartum Hyperglycemia in Women With GDM

Sherri-Ann Burnett-Bowie: Vitamin D Administration Does Not Affect Insulin Secretion and Sensitivity in Healthy Adults With Low Vitamin D Levels

Jarrett Cain: Analysis of Osteoblasts Harvested From Diabetic Patients for Differentiation and Expression of Osteoblast-Related Genes

Deidra Crews: Low Income, Community Poverty, and Risk of End-Stage Renal Disease

Ayotunde Dokun: Adam12 Modifies Severity of Peripheral Arterial Disease (PAD); Evidence From Preclinical and Human Studies

Michael Duncan: Type XVIII Collagen in Liver Injury and Tumorigenesis

Raquel Greer: Health Care Providers' Views on Barriers to Adequate Preparation of Patients for Renal Replacement Therapy

Patricia Heyn: Transition to Adulthood in Cerebral Palsy: Walking Effects on Health Status

Alethea Hill: Obesity Risk Awareness Among High-risk Populations in Partnership With Faith-based Organizations

Princess Imuoukhuede: Systems Biology and Angiogenesis: Engineering Nanosensors and Calibration Standards for Angiogenic Receptor Mapping

Cheedy Jaja: Frequencies of CYP2C8, CYP2C9, and CYP2C19 Alleles Related to Antidepressants and Nonsteroidal Anti-inflammatory Drug (NSAID) Metabolism in a Sickle Cell Disease (SCD) Patient Cohort

Arion Kennedy: Cd8+ T Cells Impact the Activation of Hepatic Stellate Cells in Nonalcoholic Fatty Liver Disease

Xiqian Lan: Smooth Muscle Cell Apol1 Risk Variants Cause Kidney Cell Injury in HIV Milieu

Zeenat Lila: Modification of DNA (DA) and RNA (A) in Relation to Diabetes and Obesity: Detection of Carboxymethyl-2'-Deoxyadenosine (CMDA) and Carboxymethyl-Adenosine (CMAD) in Diabetic and Obese Urine

Stacey Moore-Olufemi: Smooth Muscle Thickness

Correlates With Short Gut Parameters and Decreased Plasma Amino Acid Levels in Risk Factors Associated With Gastroschisis-Related Intestinal Dysfunction (GRID)

Diana Obanda: Calorie Restriction Increases Insulin Sensitivity in Skeletal Muscle Through Sphingolipid Metabolism

Yvette Paulino: Diabetes Status of Guam Residents, 2007–2010

Rocio Pereira: Adiponectin Is Associated With Diet Composition in Mexican Americans and Non-Latino Whites

Ariana Pichardo-Lowden: Faculty Preparedness for Hospital Glycemic Management: An Analysis of Knowledge, Attitudes, Clinical Decisions, Self-efficacy and Familiarity With Resources

Angedith Poggi-Burke: Association of Racial Discrimination and Kidney Function Decline Among African Americans and Whites

Bridgett Rahim-Williams: The Weight of Pain and Health Disparities Among Individuals With Gastrointestinal Symptom Disorders

Mayra Rodriguez: Communicating Chronic Kidney Disease Risk for Hypertensive Patients

Regina Sims: Fasting Glucose Is Associated With Subclinical Cerebrovascular Disease Among Non-diabetic Older Adults

Javetta Stanford: Teacher and Friend Social Supports Indirectly Influence Weight Status in Urban African-American Females

Heather Tarleton: Effects of Aerobic and Resistance Training on Body Composition, Musculoskeletal Health, and Functional Capacity Among Cancer Survivors

Francisco Villareal: Effects of (-)-Epicatechin on a Diet-induced Rat Model of Cardiometabolic Risk Factors

Francisco Villareal: Efficacy of (-)-Epicatechin (EPI) in the Treatment of Hypertriglyceridemia in Subjects With and Without Type 2 Diabetes

Lovoria Williams: Weight Outcomes of Fit Body and Soul: A Randomized Controlled Diabetes Prevention Program Conducted Through African-American Churches

Anna Zamora-Kapoor: BMI and Musculoskeletal Pain Among Hispanics and Non-Hispanic Whites: Evidence From the National Longitudinal Study of Adolescent Health, 1994

Anna Zamora-Kapoor: Parental Determinants of Overweight Among American Indian/Alaska Natives (AI/AN) and Non-Hispanic Adolescents: Evidence From the National Longitudinal Study of Adolescent Health, 1994



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