Traditions in Health Research: Possibilities, Implications and Squabbles

March 16-18, 2016
Goal of the Forum

To promote an opportunity for faculty, students, residents and other professionals to share the outcomes of their research and education projects.

Objectives

- Present the outcomes of research and educational projects
- Promote academic exchange between local and international scholars
- Increase the amount and quality of research and educational projects in UPR MSC
- Improve scientific writing and presentation skills of students, residents and junior faculty
- Identify potential future projects and collaborations
- Foster mentorship interactions of senior faculty with junior faculty and trainees

Main Events

Kick-off Discussion Panel
FINDING AND LOSING IT: BEYOND RESEARCH PARADIGM LOYALTIES
Gregory J. Quirk, PhD/Nilsa M. Burgos Ortiz, PhD/José Solís Jordán, PhD

Bailey K. Ashford Memorial Lecture
PUSHING THE ENVELOPE: THE GROWING PROBLEM OF ANTIBIOTIC RESISTANCE IN GRAM-NEGATIVE PATHOGENS
Louis B. Rice, MD

Plenary Session
PARADIGMS, RESEARCH TRADITIONS AND THE SEARCH FOR “TRUTH”
Lucille Sanzero Eller, RN, PhD

Special Oral Session: Justice in Health Award Finalists

Plenary Session
MARIJUANA POTpourri: WEEDING THROUGH THE MYTHS
Laura Borgelt, PharmD, FCCP, BCPS
Welcome Messages

On behalf of the University of Puerto Rico Medical Sciences Campus I welcome you to the 36th Annual Research and Education Forum. This represents a major event for research in Puerto Rico, offering a unique opportunity for students, post-doctoral fellows, faculty members and scientists to share the results of their research. We host this event to disseminate scientific research that will promote knowledge, programs, and interventions to improve the health and quality of life in Puerto Rico.

This year’s theme: Traditions in Health Research: Possibilities, Implications and Squabbles, invites us to examine traditions in health research, how and why these methodologies emerge, and how they contribute to the reproduction of particular understandings of the social and natural world. International and local scholars and researchers will be sharing their own experiences. Once again, the Annual Forum will bring together the community of the Medical Sciences Campus and other institutions of higher education to share, discuss and disseminate knowledge.

We look forward to your participation!

Noel J. Aymat Santana, DMD, FAADP, JD
Chancellor, Medical Sciences Campus

On behalf of the Organizing Committee and as Dean for Academic Affairs, it is indeed my great pleasure to invite you to the 36th Annual Research and Education Forum of the Medical Sciences Campus of the University of Puerto Rico. This year we look forward to having a diverse representation from universities, government agencies, community-based and private entities that will come together to share knowledge and best practices in higher education, policy and politics, and workforce development, from traditions to innovations in health research. This year’s topic is particularly important given the challenges that we face towards translating research into health practices to reduce the burden of health inequalities, economic burden, chronic diseases, and demographic changes among the vulnerable population. How do we approach through research the problems that we seek to solve? Which tools are at hand to answer our research questions?

This year, the Annual Forum will offer a thought-provoking and stimulating scientific program and plenary sessions. The Organizing Committee has updated the forum categories, which provides greater opportunities for researchers and educators to share their creative work and results. This, together with world-respected keynote speakers, research competitions, symposiums, oral and poster presentation sessions will enrich your knowledge on the latest developments in research and education.

Together with my colleagues in the Organizing Committee, I look forward to welcoming you at the Forum.

Ramón F. González García, DDS, MPH
Dean, Deanship for Academic Affairs
Organizing Committee

Dr. Ramón F. González García  
Dean for Academic Affairs  
Chair

Prof. Gloria Nazario Pietri  
School of Dental Medicine  
Coordinator of the Discussion Panel  
And the Justice in Health Award

Dr. Ivonne Angleró Vega  
School of Health Professions

Dr. Ana L. Dávila Román  
Graduate School of Public Health

Prof. Luis E. Estremera De Jesús  
Deanship for Academic Affairs

Prof. Daisy M. Gely Rodríguez  
Deanship for Academic Affairs

Dr. Magaly Martínez Ferrer  
School of Pharmacy

Dr. Israel Matías González  
School of Medicine

Dr. Ana L. Dávila Román  
School of Public Health

Dr. Edna E. Pacheco Acosta  
Deanship for Academic Affairs

Prof. Sherily Pereira Morales  
School of Nursing

Dr. Yilda M. Rivera Nazario  
Chancellor’s Office

Mr. Gastón Rodríguez Ortiz  
Deanship for Academic Affairs

Evaluation Sub-Committee

Dr. Ivonne Angleró Vega  
School of Health Professions

Dr. Ismael Martínez Ferrer  
School of Pharmacy

Dr. Ana L. Dávila Román  
School of Public Health

Dr. Israel Matías González  
School of Medicine

Justice Health Award Committee

Dr. José A. Capriles Quirós  
On behalf of The Eugenio María de Hostos Institute of Bioethics

Prof. Gloria Nazario Pietri  
Coordinator

Dr. Edna E. Pacheco Acosta  
Deanship for Academic Affairs

Dr. Yilda M. Rivera Nazario  
Chancellor’s Office

Technical Group

Mr. Javier O. Algarín Ortiz  
Deanship for Academic Affairs

Dr. Ivonne Angleró Vega  
School of Health Professions

Dr. Luis A. Avilés  
Graduate School of Public Health

Prof. Luis E. Estremera De Jesús  
Deanship for Academic Affairs
Graduate education in public health in Puerto Rico had its origin in the School of Tropical Medicine (STM), which opened its doors in 1926 under the auspices of Columbia University with the support from the Rockefeller Foundation and the Puerto Rico Legislature. The STM soon became a renowned center for research and was engaged in the study of public health issues.

During the 1940s, the teaching and professionalization of public health received special interest from the university and the health sector. The Puerto Rico Department of Health requested the STM to develop graduate courses in the field of public health. A Department of Sanitary Sciences was established within the STM. Seventy-five years ago, in 1941, this academic department started offering Masters level degree programs in Sanitary Sciences and in Public Health. In 1942, thirty-two students became the first graduates of these two programs. The Master’s Program in Health Education was established in 1947.

The creation of a School of Medicine (SOM) at the University of Puerto Rico was approved by the Puerto Rico Legislature in 1949. The graduate courses in public health were placed under the Department of Preventive Medicine and Public Health (DPMPH), within the newly founded School. In addition to offering the masters programs, the faculty offered courses in preventive medicine and public health to medical students. In recognition of its quality in teaching public health, in 1955, the United States Council on Education for Public Health accredited the Department of Preventive Medicine and Public Health as a “School”. This allowed the DPMPH to become a member of the American Association of Schools of Public Health, and the Graduate School of Public Health (GSPH) remains as the only accredited school in the United States that offers teaching in Spanish.

In the mid-1950s, the DPMPH assumed an important role in the regionalization of health care services in Puerto Rico. The DPMPH’s primary role was to train the human resources required to deliver many of these services. Towards the end of the 1960s, the DPMPH had 54 full-time faculty members and enrolled more than 300 students. With a projection of continued growth, the faculty petitioned to become an independent unit within the University. On January 1970, the Council on Higher Education authorized the creation of the “Graduate School of Public Health” (GSPH) of the Medical Sciences Campus of the University of Puerto Rico.

During the 1970s, the GSPH experienced major changes consistent with the evolution of the Medical Sciences Campus. In 1972, the Medical Sciences Campus moved from the STM building in San Juan to a new 10-story building near the University Hospital and other health care institutions within the Puerto Rico Medical Center in Rio Piedras. That same year, the GSPH moved to its new facilities within that structure. The GSPH experienced a revitalized growth during the 1980s. It was also a period of development in the bio-social sciences, as evidenced by the creation of the Census Data Center, the Socio-Medical Research Center and the Center for Demographic Research. La Escuela también ha estado comprometida con la comunidad a través de la educación continuada, programas y cursos de extensión y extramurales. The GSPH also reinforced its commitment to the community through continuing education programs, extramural initiatives and evening offerings. En el 1984 se establece un programa vespertino conducente al grado de Maestría en Ciencias en Salud Ambiental, y en el 1985 se añade un programa de Maestría en Salud Pública. The 1990s and the beginning of the 21st century marked the consolidation of the GSPH’s research mission, while continuing its significant contribution to teaching and service. Currently, the faculty is engaged in researching high priority issues regarding HIV, mental health, cancer, diabetes, developmental disabilities, social determinants of health, health policies and health care delivery gaps and inequalities, just to mention a few.

Seventy-five years after its first academic offering, the Graduate School of Public Health now enrolls students in three doctoral programs, 13 master level programs and 2 graduate certificates. The GSPH continues to be a leading institution responding to pressing needs for a well-trained cadre of public health professionals. It is committed to its mission of “developing and promoting public health through the formation of public health leaders, creating new knowledge and offering services that will contribute to the welfare of the community.
Our Panel Members

Gregory J. Quirk, PhD
Gregory J. Quirk is full professor in the Department of Psychiatry and Adjunct Professor at the Department of Anatomy and Neurobiology at the University of Puerto Rico Medical Sciences Campus. He obtained a Ph.D. from SUNY Downstate Med Center, Brooklyn, New York and a Post-Doctoral Degree from New York University. His research focuses on the neural circuits of fear regulation, using rodent and human models of fear conditioning, extinction, and active avoidance. His lab uses a variety of experimental techniques including multichannel unit recording, optogenetics, immunocytochemistry, electrical stimulation, and computational modeling. He focuses on how the prefrontal cortex modulates fear and extinction related activity in the amygdala, thalamus and striatum. This work is applicable to the treatment of disorders such as PTSD and OCD and has been continuously funded by NIMH since 1998. In 2014 Dr. Quirk was recognized as a Thompson-Reuters Highly Cited Researcher (top 1% in Neuroscience & Behavior) and awarded the NIH MERIT (Method to Extend Research in Time) Award.

Nilsa M. Burgos Ortiz, PhD
Nilsa Burgos has written two books: Pioneras de la profesión de trabajo social en Puerto Rico (Publicaciones Puertorriqueñas Editores) and Investigación cualitativa: Miradas desde el trabajo social (Editorial Espacio). She has contributed or co-authored fifteen books, and been Editor or Co-editor of five books. Her list of peer reviewed journal articles is extensive. Dr. Burgos was professor and researcher at the University of Puerto Rico, Graduate School of Social Work, Río Piedras Campus from 1983 to 2014. A Ph.D. graduate from Columbia University School of Social Work, New York, she obtained in 1999 the University of Puerto Rico Academic Excellence Award as Distinguished Social Sciences Professor. She is visiting professor at the University of Costa Rica, the Autonomous University of Honduras, the Catholic University of Dominican Republic, the University of Brasilia, Rutgers University, and George Mason University. She also lectures in many Latin American countries and cities in the United States. In 2015, she became President of The Latin American Association of Education and Research in Social Work (ALAEITS, Spanish acronym).

José Solís Jordán, PhD
As a full professor at the University of Puerto Rico, Río Piedras campus, José Solís teaches sociological foundations of education and principles of research. He pursued a Master’s of Science degree from the University of Colorado where he studied sociology, education and epistemology. He completed his Ph.D. in Policy Studies as these relate to sociological and epistemological categories in social institutions. His profession as an academician, scholar and researcher has included teaching positions at the University of Illinois Champaign-Urbana, DePaul University in Chicago, Loyola University Chicago, Universidad Autónoma de México-Yucatán, México, and Inter American University of Puerto Rico. Solís has published a number of books including, Insurgencias cualitativas: hacia la investigación crítica (2005) Publicaciones Puertorriqueñas. He has recently completed a chapter titled “Informed Consent: The Medical Gaze, and Alienation.” Over the past 10 years, his career as a sociologist, educator and researcher has been transformed by his interest and commitment to the sociology of medicine and public health.
Our Conference Speakers

Louis B. Rice, MD
Louis Rice received his undergraduate degree from Harvard University and his medical degree from Columbia University College of Physicians and Surgeons. He completed his internship and residency in medicine at New York University Medical Center and clinical and research fellowships in infectious diseases at Harvard Medical School and what is now Beth Israel Deaconess Medical Center. He is a Joukowsky Family Professor of Medicine and Professor of Molecular Microbiology and Immunology and Chair of the Department of Medicine of The Warren Alpert Medical School at Brown University. He also serves as the Executive Physician-in-Chief of Medicine at Memorial Hospital of Rhode Island, the Providence Veterans Administration Medical Center and Women & Infants Hospital. His research interests include understanding the mechanisms of antibiotic resistance in bacteria; preventing hospital infections; and developing antibiotic usage strategies that will minimize the emergence and spread of antibiotic resistance.

Lucille Sanzero Eller, PhD, RN
Lucille Sanzero Eller is Professor of Nursing at Rutgers, The State University of New Jersey, School of Nursing. Her program of research is focused on symptom management, with an emphasis on depressive symptoms in persons with HIV/AIDS or cancer. Studies include predictors of symptoms; utilization of self-care symptom management strategies; and the development and testing of self-care symptom management interventions, and their effects on self-efficacy, physical and psychological symptoms, and biomarkers. Additional research examines the effects of faculty mentoring on students’ research self-efficacy. Dr. Eller is an expert on the social determinants of HIV and culturally competent nursing care. She developed workshops titled Cultural and Linguistic Competence in Disaster Care, and Mental Health Issues When Disaster Occurs for the NJ Department of Health and Senior Services Bioterrorism and Emergency Preparedness Training Certificate Program. She developed a series of provider trainings titled Topics in Nursing Care of People Living with HIV/AIDS for the NYNJ AIDS Education and Training Center. She is an expert in instrument development and psychometric evaluation.

Laura M. Borgelt, PharmD, FCCP, BCPS, NCMP
Laura Borgelt is Associate Dean for Administration and Operations and Professor of the Departments of Clinical Pharmacy and Family Medicine, at the University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences. She received a BS in Pharmacy at the University of Iowa and a PharmD at the University of Colorado Denver Ambulatory Care Specialty Residency, University of Colorado and Kaiser Permanente Rocky Mountain Division. Dr. Laura Borgelt serves as a clinical pharmacy specialist at the University of Colorado A.F. Williams Family Medicine Center. This site is the clinical teaching site for the Family Medicine Residency Program at the University of Colorado Hospital. She has been involved with research projects related to the women’s health, medication safety, and faculty peer assessment. Many of these research projects have been published in the medical literature. She is the leading editor of a women’s health textbook entitled, “Women’s Health Across the Lifespan: A Pharmacotherapeutic Approach.” She has also published review articles and book chapters related to various pharmacotherapy and educational topics.
Justice in Health Award

36th Annual Research and Education Forum
Traditions in Health Research: Possibilities, Implications and Squabbles

During the 35th Annual Research and Education Forum, “Ethics Revisited: A Critical Look at Health Encounters”, members of the Organizing Committee realized the significance of research conducted at the Medical Sciences Campus that addressed health inequalities. Under the leadership of the Dean for Academic Affairs, Dr. Ramón González, the Justice in Health Award (JHA) was established as a way to recognize these projects and to foster new research in that direction.

This year, as part of the 36th Annual Research and Education Forum, the Justice in Health Award Committee (JHAC) reviewed a total of 176 abstracts accepted to be presented at this year’s event. Five research projects by students and faculty were selected as finalists to be considered for this year’s award. These projects relate a health issue with justice and/or promise results or have implications that could have an impact on health equity.

A Special Oral Session has been scheduled on March 18, at 9:00 a.m. where the JHA finalists will present their work. The JHAC will recommend the research project to be recognized with the Justice in Health Award to the Dean for Academic Affairs. These committee members have the knowledge and practice where issues of equality and justice in health are relevant.

Award Criteria

Projects submitted and accepted by the Organizing Committee of the research forum are considered for the award. These include students and faculty from the Medical Sciences Campus and all the units of the University of Puerto Rico, and other participating universities in Puerto Rico and abroad. To qualify in the competition:

a. The research project should consider either:

   • an interaction between or effects on people with health professionals and/or a health care system that produce health inequalities
   • an interaction between or effects on a community and a health care system that produce health inequalities
   • an interaction between or effects on people or a community with cultural, economic and/or political health determinants that can produce health inequalities in Puerto Rico

b. These interactions or effects should be approached in the research project from an angle of social justice:

   • when in a health encounter with a health professional or a health care system, a vulnerable person or community does not receive what was expected or was not treated equally based on class, race, gender, ethnic, nationality, sexual preferences, etc.
   • when there is an approach directed to address the dynamics that create and sustain the health inequalities when there is an approach directed to transform the dynamics that create and sustain the health inequalities
Program

Wednesday, March 16, 2016

7:30 to 8:30 am – REGISTRATION
Hallway and foyer adjacent to the 3rd floor
Amphitheaters, Dr. Guillermo Arbona Building

8:30 to 9:30 am – OPENING SESSION
Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

Welcome Remarks
Ramón F. González García, DDS, MPH
Dean for Academic Affairs
Medical Sciences Campus

Message from the Chancellor
Noel J. Aymat Santana, DMD, FAADP, JD
Chancellor
Medical Sciences Campus

Dedication to UPR Graduate School of Public Health: 75 years Offering Graduate Degrees in Public Health (1941-2016)
Dr. Ralph Rivera Gutierrez
Dean
Graduate School of Public Health

Presenter: Silvia E. Rabionet, Ed.D.
Graduate School of Public Health

9:30 to 11:00 am – PANEL
Hosted by the Deanship for Academic Affairs

Kick-off Discussion Panel
Finding and losing it: beyond research paradigm loyalties

Moderator: Dr. Nydia E. Chéverez
School of Dental Medicine

Investigating fear in rats: how far can our paradigm take us?
Gregory J. Quirk, Ph.D.
Departments of Psychiatry and Anatomy & Neurobiology
Medical Sciences Campus
University of Puerto Rico

Voces sobre la realidad social: Miradas desde la investigación cualitativa
Nilsa M. Burgos Ortiz, Ph.D.
Graduate School of Social Work
Río Piedras Campus

University of Puerto Rico

Beyond a Zero Sum Calculus: A Place for Critical Theory in Scientific Research
José Solís Jordán, Ph.D.
Department of Educational Foundations
Río Piedras Campus
University of Puerto Rico

11:00 am to 12:00 pm – CAFÉ ENCUENTRO
Lobby Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

12:00 to 2:00 pm – POSTER SESSION A
La Veranda, Conrado F. Asenjo Library

Please refer to the list of posters on page 14 of this program.

2:00 to 2:30 pm – BREAK

2:30 to 4:00 pm CONCURRENT ORAL SESSIONS I-IV

Session I
Room #15, 4th Floor, Graduate School of Public Health,
Dr. Guillermo Arbona Building

Moderator: Dra. Ana Luisa Dávila
Graduate School of Public Health

O-002 - Structural and Relational Analysis of Social Network: How these impact cancer patients’ quality of life?
Krizia M. Santos; Víctor Emanuel Reyes-Ortiz; Jessenia D. Zayas-Ríos; Mahmoud K. Aboukheir; Luis A. Ferrer; Nicole A. Mas Román; Sara C. Barreto Arocho; Sergio F. Santiago Calderón; Rubén O. Brás Morales; Karla Marrero-Santos; Iris Fustre; Indira Nieves Quiles; Samille A. Olivera Latorre; Christina A. Pabón Carrero; Mariela Sosa Seda.

O-009 - Prevalencia de Cáncer entre las personas de 65 años o más en Puerto Rico para el 2013
Luis G. Díaz-Logroño; Natalia B. Pagán-Guadalupe; Joel A. Vélez-Egüipciaco; José R. Carrión-Baralt.

O-011 - Patterns of Alcohol Use and Drunk Driving among High School Students in Puerto Rico
Juan C. Reyes; Linnette Rodríguez

Aidsa Rivera; Aidsa Rivera; Tyler Sharp; Wun-Ju Shieh; Rebecca Levine; Dianna M. Blau; José V. Torres; Janice Pérez-Padilla; Julio Cádiz; Julu Bhatnagar; Dianna N.G.; M. Kelly
O-022 - The Effect of unbelted patients in mortality after Motor Vehicle Collisions at the Puerto Rico Trauma Center
Veronica Layrisse; Pablo Rodríguez; Ediel Ramos; Omar García.

Session II
Room #311, 3rd Floor, School of Pharmacy
Moderator: Dr. Magaly Martínez Ferrer
School of Pharmacy

O-010 - Tamoxifen-Mediated Recovery After Spinal Cord Injury is Sex- and Time-Dependent
Jennifer M Colon-Mercado; Pablo A. González-Sánchez; Aranza I. Torrado-Taplas; José M. Santiago-Santana; Jorge D. Miranda-González.

O-012 - GRP78 is Not Expressed on the Surface of Triple Negative Human Breast Cancer Cells
Jesus E. Serrano-Negrón; Eva C. Romero; Neysharie Sánchez; Aditi Banerjee; Krishna; Dipak K. Banerjee.

O-013 - Medio-Lateral Postural Control Instability Is Associated To Proprioception Deficiencies In Children With Mild Autism
Martin G. Rosario; Martin G Rosario-Canales.

O-020 - Invasive vs Non Invasive Mechanical Ventilation Support and its Impact in the Clinical Outcome of Pediatric Patients with Acute Respiratory Failure
Carlos Flores; Samuel Pabon; Gilberta Puig; Zuleyma E. Toledo; Jan García; Jessica Irizarry.

O-040 - A forgotten cause of cardiac tamponade
Joan Albors; Jose E. Torres-Palacios; William Rodríguez.

Session III
Room #316, 3rd Floor, School of Nursing
Moderator: Prof. Aslin M. González
School of Health Professions

O-004 - Bienestar y salud a través de la experiencia artística en mujeres con fibromialgia residentes en Lleida (España)
Palmira Rius Tormo; Cristina Rodríguez Orgaz.

O-005 - Is it about the Availability of Alcohol or is about the Community's Attitudes what increases Adolescent Alcohol Consumption?: Pathways for developing

Edili Quiñones-Ortiz; Miguel Lind-Figueroa; Brendalys Arvelo-Méndez; Soraly Santiago-Sepúlveda; Aihab Aboukheir; Valery M Ferrer-Rivera; Juan A. Nazario-Serrano; Víctor Emanuel Reyes-Ortiz.

O-014 - Implementing the Structured Standardized Patient Experience in a Physical Therapy Doctoral Program: Student Performance and Satisfaction
Cynthia Cruz Gómez; Jessica Rodríguez Torres; Ana L. Mulero Portela.

O-021 - The Historical, Research and Democratic Values of the Digitalization Project of Photos and Videos at the MSC
Irma I Quiñones-Maurás; Ruben García-García; Nilca I Parrilla-Díaz; Zaida García-Soto; Luis Mendizábal de la Riva; Joel Ramos-Alvarado.

O-041 - The logic model “Health Sciences Virtual Campus (HSVC)” in the University of Puerto Rico, Medical Sciences Campus (UPR-MSC):Title V Project, 2001-2015
Rubén García-García; Rafael García-Berdécia; Efraín Flores-Rivera; Luz A. Muñiz-Santiago; Carlos A. Ortiz-Reyes; Elizabeth Román-Rivera; Arlene Sánchez-Cartellano; Irma I. Quiñones-Maurás; Wanda L. Barreto-Velázquez; Anadel Castro-Figueroa; Carmen L. Colón-Santaella; Nydia González-Barreto; Gladys N. Miró-Colón; Mirna L. Pacheco-Rodríguez; María del Pilar Toral-Correas.

Session IV
Room #260, 2nd Floor, School of Nursing
Moderator: Prof. Liliana Hernández
School of Nursing

O-007 - Factores asociados al uso de Xylazine (“anesthesia de caballo”) en Puerto Rico
Mitchelle Flores; Juan C Reyes; Claudia Amaya.

O-016 - Evidence for the development of a self-management assistive technology program to address functional limitations in community-living older adults
Nilkenid Picado; Elsa M. Orellano-Colón, PhD; Edgardo I. Castro; Frances F. Morales; Zahira Satela; Mayra S. Torres; Jeff Jutai.

O-026 - Concordance of expert and parental opinion about hypospadias surgical outcome is severity-dependent
Joanne E. Díaz-Rodríguez; Juan C. Jorge; Marcos Pérez-Brayfield; Luis A. Avilés; Vanessa Ortiz; Wilfredo Morales-Cosme.
O-028 - Outpatient Antibiotic Therapy Among Patients Discharged from the Adults University Hospital (UDH) in the Puerto Rico Medical Center
Yarilys T. Rodriguez-Sepúlveda; Humberto M. Guiot.

O-042 - The Use of the iPad as an Educational Tool in Health Sciences with an Integrated Educational Scenario at the Medical Sciences Campus: 2012-2015 Cycle
Rubén García-García; Rafael García-Berdecia; Efrain Flores-Rivera; Luz A. Muñiz-Santiago; Carlos A. Ortiz-Reyes; Elizabeth Román-Rivera; Arlene Sánchez-Cartellano; Irma I. Quiñones-Maurás.

Paradigms, Research Traditions and the Search for “Truth” in Nursing
Lucille Eller, PhD, RN
Professor
Rutgers University

12:30 to 2:30 pm – POSTER SESSION B
La Veranda, Conrado F. Asenjo Library

Please refer to the list of posters on page 19 of this program.

2:30 to 4:00 pm – CONCURRENT ORAL SESSIONS V-IX

Thursday, March 17, 2016

8:00 to 9:00 am – REGISTRATION
Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

9:00 to 10:30 am – 56th ANNUAL BAILEY K. ASHFORD MEMORIAL LECTURE
HOSTED BY THE SCHOOL OF MEDICINE
Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

Presenters
Edgar Colón Negrón, MD, FACR
Dean
School of Medicine

Pushing the Evelope: The Growing Problem of Antibiotic Resistance in Gram-Negative Pathogens
Louis B. Rice, MD
Joukowsky Family Professor of Medicine
Professor of Molecular Microbiology and Immunology
Chair, Department of Medicine
The Warren Alpert Medical School, Brown University

10:30 pm to 11:00 am – CAFÉ ENCUENTRO
Lobby Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

11:00 am to 12:30 pm – PLENARY SESSION
Hosted by the School of Nursing
Location: Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

11:00am to 12:30pm –PLENARY SESSION
Hosted by the School of Nursing
Location: Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building
O-003 - Developing Policies for Improving Quality of life of Hispanic among Informal Health Care Givers in Charge of Cancer Patients
Luis A Ferrer-Gómez; Victor Emanuel Reyes-Ortiz; Jessenia D Zayas-Rios, MPH; Nicole Mas-Román; Krizia Santos, MPH; Mahmoud K Aboukeir; Sara C., MPH; Sergio F. Santiago-Calderón; Ruben O Bras-Morales; Karla Marrero-Santos; Indira Nieves-Quiles, MPH; Samille A Olivera-Latorre; Christina Pabón-Carrera; Mariela Sosa-Seda.

O-017 - Economic recession and penetrating-injury-related admissions in Puerto Rico
Alanna M Guzmán; Omar Garcia; Ediel O. Ramos; Pablo Rodríguez.

O-029 - Surgery delays in an outpatient setting: A closer look at bundled payments
Roberto C. Hernández Irizarry; Viviana Serra López; Francisco Fuster Gúisao; José A. Hernández Román; Antonio Otero-López.

O-032 - I’m not that gay!: Internalized homophobia in a sample of HIV+ gay, bisexual, and other men who have sex with men in Puerto Rico
Jorge I Cienfuegos-Szalay; Edgardo J. Ortiz-Sánchez; Ricardo L. Vargas-Molina; Carlos E. Rodríguez-Díaz.

O-048 - Development of Optimized Strategies for Magnetic Hyperthermia in the Treatment of Ovarian Cancer
Fernando J. Mérida Figueroa; Madeline Torres-Lugo; Eduardo Juan; Carlos Rinaldi.

Session VII
Room #316, 3rd Floor, School of Nursing
Moderator: Dra. Lydia Álvarez
School of Health Professions

O-025 - Relationship between BMI and Skeletal Maturation in 10 to 14 year olds from the Orthodontic Clinic at UPR School of Dental Medicine (2015 - 2016)
Juan C. Vázquez; Jazmin E. Oliva de Cuevas; Grace J. Pagán Collazo; Lydia M. López Del Valle; Sona Tumanyan; Augusto R. Elías-Boneta.

O-039 - Shear Bond Strength of Self-adhesive Cements compared to Adhesive Resin Cements bonded to dentin
Daniel Martir; Augusto R. Elias-Boneta; Juan A. Agosto-Colón; Enrique J. Rodriguez; Francisco J. Muñoz-Torres; Kamyr Martínez.

O-045 - Effect of Surface Treatments on the Shear Bond Strength of Two Resin Cements to Zirconia
Kamyr M. Martínez Ramírez; Juan A. Agosto Colón; Augusto R. Elías-Boneta; Enrique J. Rodríguez González; Antonio Chardón Ortiz; Arturo Blanco Plard; Sona Rivas-Tumanyan.

O-046 - Los Factores que Apoyan y Limitan la Participación de Mujeres con el Síndrome de Fibromialgia en el Ambiente Laboral en Puerto Rico
Lisangely Rivera; Ruth N. Chamorro- Virella; Shani M. Hernández-Ortiz; Yessenia Marquez- Torres; María A. Rohena-Pagán.

O-047 - La población que se va de Puerto Rico: tendencias, magnitud y retos
Luz E León-López

Session VIII
Room #260, 2nd Floor, School of Nursing
Moderator: Prof. Melany Alicea
School of Nursing

O-031 - Role of KSRP in the post-transcriptional regulation of Human Interleukin-3 mRNA in T cells
Marina Martínez; José A. González; Joe Russo; Carol Wilusz; Carlos I. González.

O-034 - Role of APE1 in Maintaining DNA Integrity After Axozymethane Treatment in Mouse Liver
Adlín R. Rodríguez-Muñoz; Joan Ballista-Hernández; Ceidy Torres-Ortiz; Sylvette Ayala-Peña; Carlos Torres-Ramos.

O-035 - Ehop-016A Induces Apoptosis in Triple Negative Breast Cancer Cells
Manuel Blanco; Tessa Humphries-Bickey; Suranganie Dharmawardhane.

O-036 - Use of quantitative proteomics as a tool for screening and analyzing molecular changes following exposure to emergent urban contaminants
Ana I. Ortiz-Colón; Inmaculada Jorge; Eric Miranda; Horacio Serrano; María A. Sosa.

O-044 - Generation of cnr1 and cnr2 knockouts in Zebrafish Using CRISPR-Cas9 to Assess the Cannabinoid Receptors Role in Neuronal Development
Agnes Acevedo-Canabal; Luis Colón; Martine Behra; Guillermo Yudowski.

Session IX
Room #822, 8th Floor, School of Medicine, Dr. Guillermo Arbona Building
Moderator: Dr. Israel Matías González
School of Medicine
O-001 - Morbidity and mortality patterns of pedestrian injuries in Puerto Rico from 2000 to 2014
*Natalia Pelet; Omar García; Ediel O. Ramos; Pablo Rodríguez.*

O-030 - Metabolic correction as a proposed approach for reduction of complications and costs of diabetes care in Puerto Rico
*Jorge R. Miranda Massari; Michael J. González; Jorge Duconge; Francisco J. Jiménez; Heriberto Marín; Myriam Z. Allende-Vigo; Ricardo Aguirre; Miguel J. Berdier; Iván Paz; Carlos Cidre.*

O-008 - Perfil de Salud del Adulto Mayor (65 años o más) en Puerto Rico en 2013
*Natalia B Pagán-Guadalupe; Luis G. Díaz-Logroño; Joel A. Vélez-Egipciaco; José R. Carrión-Baralt.*

O-043 - Molecular mobility as a tool for understanding the impact of polyvinylpyrrolidone (polymer) and TPGS (surfactant) in Crystallization Kinetics of Amorphous Celecoxib
*Darlene I. Santiago; Lynne Taylor; Laura Mosquera.*

O-049 - Comparison of the amino-terminus region of TWIST vertebrate proteins: Evolution and origin of the TWIST1 glycine-rich motifs
*Yacidzohara Rodríguez; Ricardo R. González-Méndez; Carmen L. Cadilla.*

Friday, March 18, 2016

8:00 to 9:00 am – REGISTRATION
Hallway and foyer adjacent to the 3rd floor
Amphitheaters, Dr. Guillermo Arbona Building

9:00 to 10:30 am – SPECIAL ORAL SESSION: JUSTICE IN HEALTH AWARD FINALISTS
Amphitheater I, 3rd floor
Dr. Guillermo Arbona Building

Moderator: Prof. Gloria Nazario Pietri
School of Dental Medicine

10:30am to 11:00 pm – CAFÉ ENCUENTRO
Lobby Amphitheater I
3rd floor, Dr. Guillermo Arbona Building

11:00am to 12:30pm – PLENARY SESSION
Hosted by the School of Pharmacy
Amphitheater I
3rd floor, Dr. Guillermo Arbona Building

Marijuana POTpourri: Weeding through the Myths
Laura Borgelt, PharmD, FCCP, BCPS
Associate Dean of Administration and Operations
Professor, Department of Clinical Pharmacy and Family Medicine
University of Colorado
Anschutz Medical Campus

12:30 pm - CLOSING SESSION
Amphitheater I, 3rd floor, Dr. Guillermo Arbona Building

Closing Remarks
Ramón F. González García, DDS, MPH
Dean for Academic Affairs
Medical Sciences Campus
POSTER SESSION A
WEDNESDAY, MARCH 16
12:00 pm-2:00 pm

P-056  Differential associations of overweight and obesity with youth risk behaviors in Puerto Rico
Aleika Restituyo; Cynthia M. Pérez-Cardona; Linnette Rodríguez-Figueroa.

P-057  Cross-sectional association between clinically measured periodontal disease and blood pressure levels in overweight and obese adults
Krystel M. Ruiz Serrano; Erick L. Suárez-Pérez; Sona Rivas-Tumanyan; Cynthia M. Pérez-Cardona.

P-063  Effects of Piracetam Treatment on Learning and Memory in Adult and Adolescent C57BL/6J Mice
Melissa Rivera López; Roberto I. Meléndez Aponte.

P-064  Perfil de los usuarios de automóviles y de otros medios de transportación para ir al trabajo, Puerto Rico: 2009 - 2013
Ana G. Jara Castro; María C. Rodríguez Miranda; Martha N. Concepción Pantoja; Ana L. Dávila Román.

P-065  Promoting Biomedical Sciences: 3D Printing Workshop for Undergraduate Students
Yesenia Rosario-Ramos; Almarely L. Berrios Negrón; Abraham Schwartz; Emma Fernandez-Repollet.

P-066  Amantadine administration after spinal cord injury does not enhances functional locomotor recovery in female Sprague-Dawley rats
Adamarie Pérez Malavé; Sasheiry Ayuso; Kenneth Padín; Daleisha Millán; Stephanie Rivera; Justine Colón; Yaria Arroyo; Odrick R. Rosas; Jinetsy Rivera; Jennifer M. Colón; Aranza I. Torrado; Iris K. Salgado; Jorge D. Miranda; José M. Santiago.

P-067  Public Health Workforce 2015 Training Needs Update in Puerto Rico
José A Capriles-Quirós; Marita K. Murrman; Angela A. Aidala; Melissa Bernstein.

P-068  Dibutyl phthalate affects synaptic growth and stability at the Drosophila NMJ
Kevin M. De León González; Bruno Marie

P-069  Musculoskeletal Manifestations of Non-Accidental Trauma: Analysis at a Level 2 Trauma Center
Claudio Ballester; Pablo Marrero; Marianna Oppenheimer; Manuel A. Ramirez.

P-070  Exogenously Applied Retinoic Acid Signaling Modulators Promote Changes in Optic Nerve Regeneration after Axotomy.
Mildred V. Duprey Díaz; Giam S. Vega Meléndez; Rosa E. Blanco.

P-071  The Biological Role of BAT-1 in Prostate Cancer
Aileen M. García-Vargas; Milaris Sánchez-Cordero; Mayline Juan-Rivera; María Sánchez-Vázquez; Krizia Rohena; Magaly Martínez-Ferrer.

P-072  Andrographolide Alters Genes Associated with DNA Repair in Prostate Cancer
Ingrid S. Forestier Román; María Sánchez; Krizia Rohena; Carmen Cadilla; Magaly Martínez-Ferrer.
P-073 Mathematical Model for the Kinetics of Calcium-induced Mitochondrial Swelling: Biophysical Approach
Xavier R. Chapa-Dubocq; Sabzali Javadov; Vladimir Makarov.

P-074 Efecto del Aumento del Nivel del Mar en las costas de Cartagena de Indias, Colombia
Carlos F. Padilla Rodríguez; José Seguinot Barbosa.

P-075 Retinoic Acid Receptor Beta and Gamma Agonists Effects on the Activation of Intracellular Signaling Pathways in the Regenerating Adult Retina
Paolanicole Rosado Menéndez; Mildred V. Duprey-Díaz; Rosa E. Blanco.

P-076 Correlation Between the Severity of Adverse Effects Caused by Psychiatric Drugs and CYP2D6 Genotype Activity Score in Puerto Rican Patients
Bianca M. López; Bianca M. López; Gloria González Tejera; Susan Corey.

P-077 HPV vaccine rate and willingness to vaccinate among Hispanic females with abnormal cervical cytology attending colposcopy clinics in Puerto Rico
Jaime Roura; José Nieves; Mariola Linas; Adriana Candelaria; Josefina Romaguera; Sharee Umpierre.

P-078 Regulation of the activity-dependent synaptic plasticity: The role of the planar cell polarity pathway
Carlhann M. Dominicci-Cotto; Bruno Marie.

P-079 Ectyma gangrenosum as a presentation of Bruton Agammaglobulinemia.
Kristie M. Rodríguez Otero; Manuel J. Iglesias.

P-080 Presurgical Management of Bilateral Cleft Lip and Palate Neonate using Nasoalveolar Molding: Case Report
Johanna Rivera; Antonio Rivera; Augusto Elías.

P-081 Clinical Characteristics of 152 Laboratory-Confirmed Cases of Influenza in Puerto Rico
Rosa M. Marrero; Mitchelle; Enid J. García-P-Rivera; Héctor Gorbea.

P-082 Novel strategies for therapeutic targeting of chemoresistance pathways in poor-prognosis DNMT3P-mutant Acute Myeloid Leukemia
Adriana Rodriguez; Olga Guryanova; Ross Levine.

P-083 When Prophylaxis causes more Harm than Good
Jannice M. Arroyo Soto; Ileana E. Ocasio Melendez; Fatima B. Cintron Rosa.

P-085 Knowledge of Obesity as a Risk for Cancer among Puerto Rican Women
Sofía B. Vivoni; Sharee A. Umpierre; Josefina Romaguera; José Nieves-Muñoz.

P-088 Perfil del inmigrante no ciudadano de Estados Unidos residiendo en Puerto Rico
Melanie A. Pérez Valentín; Vivianna M. De Jesús-Monge.

P-089 Long non-coding RNA HOTAIRM1 destabilizes Estrogen Receptor alpha (ERα) to prevent proliferation of Breast Cancer derived cells
Giancarlo Colón Rosa; Abhinav K. Jain; Michelle C. Barton.
P-090 Prevalence of Complementary and Alternative Medicine (CAM) use among San Juan Overweight Adults Longitudinal Study (SOALS) participants María del M. Rodríguez Berrios; Kaumudi Joshipura; Maribel Campos; Francisco Muñoz; Oelisoa Andriankaja.

P-091 Disseminated Fusarium Infection in a five year old girl with Acute Lymphocytic Leukemia: Case Report Guillermo Torres; Inés Esquilín; Zoe Rodríguez.

P-092 Unusual Presentation of Acute Lymphoblastic Leukemia Relapse in a pediatric patient: A case report Jonathan Camino Pérez; Mya Segurola Mulero; María Echevarría Escudero; Gloria Colón González.

P-093 Universal Lynch Syndrome Screening: Development of Educational Materials in Caribbean Hispanics Nicolas J. Casellas; Beatriz Figuero-Díaz; Carolina Díaz-Loza; Valerie Maldonado; Gabriela Rivera; Yaritza Yaritza Díaz-Algorri; Marcia Cruz-Correa.

P-094 Ischemic Infarct as Rare Initial Presentation of Coarctation of the Aorta in a Child Natasha K. González; Luis Sánchez; Edwardo Ramos.

P-095 Synthesis of 2-amino nicotinamide derivatives and their use as antiproliferative compounds Julia I. Medina Velázquez; Zulma Ramos; Cornelis Vlaar; Eliud Hernández.

P-096 Memory immune response in a genetic immunization with pA27LOPT DNA construct Osmarie Martín; Saritza Santos; Maite Ramírez; Eric Miranda; Miguel Otero.

P-097 Efficacy of cognitive behavioral psychoeducational group therapy in patients with anxiety disorders Arnaldo Cruz; Karen Martínez; Eva del Valle.

P-098 C-section rates and associated morbidities in infants born at < 32 weeks admitted to the Neonatal Intensive Care Unit Wilmarie J. Bruckman Blanco; Lourdes García Fragoso; Juan Rivera González; Ines García García.

P-099 Traumatic Central Cord Syndrome after Blunt Cervical Trauma: A Pediatric Case Report Natalia M. Betánces Ramírez; Rafael E. Arias Berrios; Carmen E. López Acevedo; Edwardo Ramos.

P-100 Weight Status, Sodium and Potassium Intake among Puerto Rican Adolescents as Potential Predictors of Hypertension Risk Michelle Adams; Desiree López; José Molina; Lilyana Figueroa.

P-101 Incidence of Opioid/Benzodiazepines-Induced Withdrawal Syndrome in Critically Ill Children Kristie M. Rodríguez-Otero; Carlos O. López-Ortiz; Samuel Pabón-Rivera; María T. ZavalP-Colón; Ricardo Nieves; Anabel Puig-Ramos; Maria A. Gómez; Kevin M. Rodríguez-Santos; Reichel Rodríguez-Guzmán; María B. Villar-Prados; Lianet Mamposo.

P-102 Ultrasound and Functional Assessment in a Charcot Marie Tooth Patient: A Case Report Rafael E. Arias-Berrios; Luis Burgos Anaya; Gory Ballester-Ortiz; Edwardo Ramos, MD, University of Puerto Rico-MSC, Physical Medicine, Rehabilitation & Sports Medicine Department

P-103 Changes in the Pulmonary Function Test in Patients of the Tobacco Cessation Clinic in a Dental Setting: 2004-2008 Yadiel Sánchez Padilla; Albit A. Paoli; Juan D. González; Marta M. Pérez; Tatiana Garland; Christopher Rivera; Sebastian A. Rodríguez; Elba C. Díaz.
Renal Medullary Carcinoma: A case report of a rare malignancy specifically affecting patients with a so-called benign condition.
Yamila Goenaga Vázquez; Gloria Colón; Correa María; José Rodríguez León.

Traumatic esophageal perforation: 13-year experience in Puerto Rico Trauma Center
Jan Vázquez; Natalia Pelet; Omar García; Pablo Rodríguez.

Pediatric Burns in Puerto Rico: An Overview
Ingrid Mercedes; Enrique Márquez; Jocel Pagán; Annette Pascual; Omar Rodríguez; Adrianna Mojica; Víctor Ortiz.

The autophagy and highwire genes regulate the temperature-dependence of synaptic growth at the Drosophila NMJ
Ivan J. Adames; Bruno Marie.

Refractory Periodontitis in a Systemically Healthy Adult: A Case Report
Natalie García; Angeliz Encarnación; Oelisoa Andriankaja; Marcelino Negrón; Ferdinand Lugo.

Hemoglobinopatías detectadas en el Cernimiento Neonatal de Puerto Rico durante los años 1991 al 2012
Doris Rivera; Pedro J. Santiago Borrero.

Adenomyomatosis of the Gallbladder, an Uncommon Cholecystopathy
Carlos R. Añeses; Carmen González Keelan.

RGD Domain of the P2Y2 Receptor Modulate its Signaling and Functional Behavior
Magdiel Martínez; Mercedes Rodríguez; Walter I. Silva.

Melanie Rodríguez-Nieves; Inés García-García; Lourdes García-Fragoso.

Biological Activity of Outer Membrane Vesicles from Clinical Isolates of Escherichia coli
Yermary Morales Lozada; Gabriela Báez Bravo; Yancy Ferrer Acosta; Abel Baerga Ortiz.

RosaceP-Like Leukemia Cutis: A Case Report
Mariana Cruz Manzano; Lilliana Ramirez; Julio E. Sánchez; Ana I. Velázquez; Jorge L. Sánchez.

¿Un Puerto Rico sin jóvenes?: envejecimiento poblacional y desafíos para la salud en general.
Karina E. Manzo Del Valle; Luz León López; Dharma R. Rodríguez Pagán; Wandimar Matos Rosario; Brian Ramos Mercado.

Damage and Enzymatic Activity of Nuclear DNA and Apurinic/Apyrimidinic Endonuclease 1 from Rhesus Macaques during aging
Javier O. Rivera; Maria del R. Castro; Carlos A. Torres-Ramos; Sylvette Ayala-Peña.

Idiopathic Restrictive Cardiomyopathy as a rare cause of heart failure in a young woman: Case Report
Guillermo Torres; Marcel Mesa; Ángel López.

Potential Antimalarial Drugs Specificity Determination Using in vitro Inhibition Assay
José J. Rosado-Franco; Emilee E. Colón-Lorenzo; Adelfa E. Serrano-Brizuela.
P-120  Identification of genetic variants in the CYP2C9 and VKORC1 loci in warfarin-treated high-risk Puerto Rican patients
Dariana Padilla; Karla Claudio Campos; Jorge Duconge Soler; Carmen L. Cadilla Vázquez.

P-121  Patient-Derived Xenograft Models: A Powerful Tool in Breast Cancer Translational Research
Wilfredo E. De Jesús-Monge

P-122  Serum Adiponectin Levels in Puerto Rican Children with Type-I Diabetes and Obesity
Lisa M. Cruz-Avilés; Lisa M. Cruz; Eduardo Santiago; Nilka De Jesús.

P-125  MT1a mRNA expression in human lung cells (BEAS 2B) after airborne PM10 and Copper exposure: A possible biomarker for Asthma?
Mariela Rosa Casilla

P-126  Characterization of the molecular mechanisms of a novel Rac inhibitor in breast cancer
Gabriela Ascencio

A-127  Anticancer Effect of the Moringa oleifera leaf extract in Human Cancer Cell Lines
María M. Zayas
POSTER SESSION B
Thursday, March 17
12:30-2:30pm

P-001 Burning out syndrome among informal care givers: relieving the burden through social network
  Mahmoud K Aboukheir; Víctor Emanuel Reyes-Ortiz; Jessenia D. Zayas-Ríos; Nicole A. Mas-Román; Krizia Santos; Luis Adrian Ferrer Gómez; Sara C. Barreto Aracho; Sergio F. Santiago-Calderón; Rubén Bras; Iris Fustre; Karla Marrero-Santos; Indira Nieves Quiles; Samille A. Oliver-Latorre; Christina A. Pabón-Carrero; Mariela Sosa Seda.

P-002 Epithelioid Hemangioendothelioma of the Lung
  Liurka V. López; María CorreP-Rivas.

P-003 Role of Fasciola hepatica Glutathione S-transferase in the inhibition of Inflammatory Cytokine Expression
  Vasti M. Aguayo; Ana M. Espino.

P-004 Not all etiologies of Congestive Heart Failure are known: Spongiform Cardiomyopathy
  Glorilee Delgado; América I. Robles; Ivonne A. Robles; Pilar Vázquez; David Storer; Katia Mercado.

P-005 Metastatic Ovarian Tumor Masquerading as Atypical Pneumonia
  Ivonne A. Robles; Glorilee Delgado; Pedro Monroig; Fernando Cabanillas; Luis Báez; Luis Santos; Rafael Vicens.

P-006 Estudio sobre los efectos del ascenso del nivel de mar en la ciudad de Cancún, México
  Nicole G. Rodríguez; José Seguinot.

P-007 Vulnerabilidad de la comunidad de Nassau, Bahamas ante el Ascenso del Nivel del Mar durante los años de 2005, 2105 y 2505
  Nancy R. Cardona; José Seguinot-Barbosa.

P-008 Localization of Tachykinin Receptors in Mouse Colon
  Gretchen M. Rivera; Brian Gulbransen; Ninotchska Del Valle; Isola Brown; Becca Bubenerheimer; Jonathon McClain; Vladimir Grubisic; David Fried.

P-009 Hypercalcemia and acute kidney failure: an approach by the urine protein sulfosalicylic acid precipitation test
  Henry De Jesús De La Cruz; Patricia Jordan González; Eddie Rodríguez; Carlos Rosado.

P-010 Attitudes and perceptions of Computerized Based Tests (CBT) in students at a Doctor of Pharmacy Program at the onset of its implementation
  Jonathan Hernández Agosto

P-011 Self-perceived and Real Body Weight Among Adolescents at an Ambulatory Psychiatric Clinic
  Luz N. Colón-de Martí; Lelis L. Nazario; Linnette Rodríguez-Figueroa.

P-012 Overexpression of HPV E6, E7 mRNA as a Reflex Test for HPV DNA: A Preliminary Study
  Miguel A. Noy; José Paz; Alexandra Rosado; Ivonne Rivera.
P-013 Arch Form and Malocclusion are Related to BMI in Children
Natalia Guevara; Steven Miller; Azeez Butali; Carmen Buxo; Lydia M. López del Valle.

P-014 Management of Spinal Chordomas: A Case Report
Lorraine Colón Cartagena; Juan C. Vicenty; Fanor M. Saavedra.

P-015 Do Adolescents Avoid Sleep to Play Videogames?
Lelis L. Nazario; Luz N. Colón-de Martí; Linnette Rodríguez-Figueroa.

P-016 IgG-4 Related Lymphoproliferative Disease (LPD) with Sjogren’s Syndrome-like Presentation Responsive to Rituximab
Eduardo Y. Hernández Verge; Alba D. Rivera Díaz; Fernando Cabanillas; Francisco J. Díaz Lozada.

P-017 Acute intoxication with Gabapentin: Clinical presentation and outcomes.
Reinaldo Ramírez Amill; Sharlenne Medina; Esteban Lugo; Víctor Pérez; Jeannette Acevedo; Juan Arraut.

P-018 Seroprevalence of H. pylori in Puerto Rico
Javier Sevilla; María González-Pons; Marievelisse Soto-Salgado; Erick Suárez; Cynthia M. Pérez; Juan M. Marquez-Lespier; Marcia Cruz-Correa.

P-019 Transport Risk Assessment in Pediatrics Score Predicts Clinical Course of Critically Ill Children
Rosa L. Haddock-de-Jesús; Anabel Puig-Ramos; Milagros Martín-de-Pumarejo; Gilberto Puig.

P-020 Decaying teeth leaves you out of breath
Yuniet C. Moya; Marielys Otero.

P-021 Hepatorenal Syndrome Secondary to Spontaneous Bacterial Empyema in a Cirrhotic Patient
Daniella M. Santiago Haddock; Fernando Soto Torres; Joanna Mercado.

P-022 ApoA1 rs2070665 SNP and Prostate Cancer Severity in a Cohort of Puerto Rican Men
María del Carmen Rodríguez-Walker; Keishla González; Marievelisse Soto-Salgado; Jeannette L. Salgado-Montilla; Margarita Irizarry-Ramírez.

P-023 Case of a Patient with Maple Syrup Urine Disease
Gabriel Altieri-Acevedo; Héctor Torres.

P-024 Viral signs: An unexpected manifestation of Influenza A
Carlos J. Pérez-López.

P-025 Validating P120 Interactions with COPSS and SALL4
Kyle J. Ortiz; Jessica Zapata; Pierre McCrea.

P-026 Rare Cause of Abdominal Pain in an Adolescent: Gastric Adenocarcinoma
Stefany Hernández Benabe; Nilka De Jesús-González; Nilka Barrios.

P-027 Síndrome de Estrés Post Traumático y el Soporte Social percibido en el Personal de Enfermería que Trabaja en una Unidad de Trauma
Mariela González; Carmen L. Madera-Ayala; Mariela González; Omayra Suárez.
Emergency Department visit of a previously healthy adolescent with acute neurologic deficit. 
Fernando M. Batista Morales; María Ramos-Fernández.

Metabolic Pathways Predictions using Machine Learning Method
Abiel Roche-Lima; Michael Domaratzki.

Atraumatic Bilateral Femoral Neck Fractures in a Premenopausal Female with Hypovitaminosis D
Giovanni Paraliticci; David Rodríguez; Ariel Davila; Antonio Otero-López.

Insurance-related disparities in care for trauma patients
Ana M. Romero Vázquez; Omar García Rodríguez; Ediel Ramos Meléndez; Pablo Rodríguez Ortiz.

Development and Validation of a UHPLC-MS-MS Method for the Determination of Anti-Hypertension Drugs in Dietary Supplements
Cristina Matos; Josep Bloom.

Can Music Help Persons with Alzheimer's Disease?
Tymaries L. Alvarado-Vega; Mariana Robles-Almanzar; Veronica M. Martínez-López; Walter G. Ramos-Amador; Natalia B. Pagán-Guadalupe; Carolina García- Robles; Luis G. Díaz-Logroño; Joel A. Vélez-Egicpicaco; José R. Carrión-Baralt.

Identification of Interacting Partners of the Cell Wall Sensor Mtl1p in Saccharomyces Cerevisiae
Nelson Martínez; Ednalise Santiago-Cartagena; José R. Rodríguez-Medina.

Unique etiology of a headache.
Fares H. Yasin; Marielys Otero Maldonado.

Targeting microRNP-143 in Glioblastoma reduces in vitro tumor growth
Eunice L. Lozada-Delgado; Pablo E. Vivas.

Congenital or Traumatic Os Odontoideum, wait to fix it? If It’s Broken, Fix It! : A case report after neck injury
José A. Fernández Abinader; Roberto J. Pérez Román; Fanor M. Saavedra Pozo.

Association of genetic ancestry with colorectal tumor characteristics in Puerto Rican Hispanics
Myrta Isabel Olivera Dubán; Julyann Pérez-Mayoral; Marievelisse Soto; María del Mar González-Pons; Belisa Suárez; Ebony Shah; Rick Kittles; Marcia R. Cruz-Correa.

Synthesis and Characterization of Nanocellulose-Based Nanodiamond Coatings for Applications in Bone Tissue Engineering
Cristina I. Rivera; Carlos M. García; Karlene Vega; Eduardo Nicolau.

Noise environmental hazard in the Neonatal Intensive Care Unit
Lourdes I. García Tormos; Inés E. García García; Leticia Gely; Juan G. Álvarez Sánchez; Yomangie Arias Acevedo; Paola Nieves Balaguer.

Morbid Obesity might be a Barrier to Cervical Cancer Screening
Daisy González; Ana P. Ortiz; Cynthia M. Pérez.
P-042 Traumatic Vascular Injuries and its management with Temporary Intravascular Shunt (TIVS): Puerto Rico Trauma Hospital experience
Nelson A. Crespo Martínez; Rafael De Ayala Hillman; Nelson A. Crespo Martínez; Karla Echevarría; Luisamari Dorna; Felipe Rodriguez; Omar García Rodríguez; Ediel Ramos Meléndez; Lourdes Guerrios; Pablo Rodríguez-Ortiz.

P-043 Macrophage inflammatory protein-1β and Interleukin 15 Modulate Gene Expression Patterns Associated with Prostate Cancer Progression.
Krizia Rohen-Rivera; Diana A. Aponte-Colón; María M. Sánchez-Vázquez; Carmen L. Cadilla-Vázquez; Magaly Martínez-Ferrer.

P-044 Alloimmunization in Sickle Cell Disease Patients Using Phenotype-matched Red Blood Cells in the Transfusion Service of the Puerto Rico Medicine
Raisa I. Balbuen-Merle; Consuelo Climent-Peris; Cruz M. Nazario-Delgado; Rosa V. Rosario-Rosado; Dalia Millán-Tapia.

P-045 Tracheostomy in Pediatric Intensive Care: Impact of timing on patients clinical course
Adrianna E. Mojica Márquez; Anabel Puig Ramos; Ricardo L. García De Jesús.

P-046 Recurrent Ischemic Strokes as Presentation of Moyamoya Disease in a 3 Month Old Hispanic Girl: A Case Report
Marie Bernadine V. Hidalgo-Rivera; Jessica González-Montes; María E. Dávil Carlo; Marisel Vazquez-Correa; Jocelyn Montalvo-Ortiz; Mireya Bola-Diaz; Janice Rodríguez-Hernández; Luis García-Irizarry.

P-047 An atypical etiology of Acute Appendicitis: Appendix Carcinoid Tumor
Glorilee Delgado; José García; Maria Correa; Katia Mercado.

P-048 Hypertriglyceridemia in VLBW infants and its association to intravenous fat emulsions
Yiamira S. Oquendo-Ocasio; Lourdes García-Garcia; Juan Rivera-González.

P-049 Background: Premature infants are treated routinely with total parenteral nutrition (TPN). Intravenous fat emulsions (IVFE) constitute a good energy
Yiamira S. Oquendo; Juan Rivera-González; Nilmari Miranda-Merced; Gabriela M. Ortiz-Cotto; Lourdes García-Fragoso.

P-050 Hyperextension Lumbar Injury Resulting in Intervertebral Bowel Entrapment: A Case Report and Review of Literature
Miguel A. Mayol-del Valle; Ricardo J. Fernández-de Thomas; Juan M. Corona; Fernando Martinez; Quirico Canario Brea; Jaime Inserni.

P-051 Judo Injury Epidemiology: A Pilot Project Using Text Messaging for Injury Surveillance
Juan C. Gallozo-Otero; William Micheo; Gerardo Miranda.

P-052 Long-term Outcomes in Hispanics from Puerto Rico with Rheumatoid Arthritis Receiving Early Treatment with Disease-Modifying Anti-Rheumatic Drugs
Mariangel Arroyo-Ávila; Ruth M. Fred-Jiménez; Leyda M. Díaz-Correa; Naydi Pérez-Ríos; Noelia Rodríguez; Grissel Rios; Noemí Varela-Rosario; Luis M. Vilá.

P-053 Association between Perceived Unsafe Environment, Being Bullied, and Suicidal Ideation in a Representative Sample of Puerto Rican Adolescents
Linnette Rodríguez-Figueroa; Margarita R. Moscoso-Álvarez; Juan C. Reyes-Pulliza; Héctor Colón.
P-054 Neonatal Sacrococcygeal Neuroblastoma mimicking a Teratoma: Case Report
Leticia Gely Rojas; Inés García García; Humberto Lugo-Vicente; María Corre-P-Rivas; Kary M. Bouet-Rivera; Zahyara Reyes-Bou; Mohammad Suleiman.

P-055 Intraoperative Anesthetic Management of Dysautonomia Associated to Guillain-Barré Syndrome Using Dexmedetomidine
Maria C. Sánchez; Dimaris Dominguez; Víctor Cardona.

P-058 An Unusual Presentation of Decompensated Heart Failure in a Child
José E. Lugo Bernier; Kristie M. Rodríguez Otero; Francisco Díaz.

P-059 Disruption of VTA and NAc plasticity by the myristoilated Z-inhibitory peptide (ZIP) in cocaine sensitized rats
Ana Vaquer-Alicea; Rafael Vázquez Torres; Bermary Santos-Vera; Cristina María-Rios; Alan Montiel-Ramos; Tara Ortiz-Ithier; Luis Centeno-Matos; Carlos Jiménez-Rivera.

P-060 High Overweight And Obesity Rates Among Childhood Cancer Survivors In A Sample Of Puerto Rican Children
Carla I. Colón Núñez; Natalia Santiago; Sofía Mendieta; Elvia I. Rivera; María Echevarría; Nilka de Jesús.

P-061 Perfil sociodemográfico de los abuelos responsables de sus nietos, Puerto Rico: 2014
Lorence Morell-Vega; Vivianna M. De Jesús-Monge.

P-062 Crímenes violentos: factores biológicos y su manejo desde una perspectiva ético-salubrista
Nydia E. Chéverez Rodríguez; Gladys Escalona.

P-084 Increase in Children’s Asthma related Prescriptions during the Fungal spores and Tree-pollen seasons in Puerto Rico.
Luis A. Mendoza Moret; Benjamin Bolaños Rosero.

P-086 Surgical, Periodontal and Orthodontic Management of Impacted Maxillary Central Incisors
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P-116 Rare ADCY9 Mutations in Puerto Rican Children with Non-syndromic Orofacial Clefts
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P-123 Expression patterns of antioxidant genes during development of Plasmodium berghei with altered glutathione levels
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P-124 Localization of Fulcin-Ike Immunoreactivity in the Central Nervous System and Periphery of Biomphalaria glabrata, an Intermediate Host for Schistosomiasis
Anthony Hernández Vázquez.
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