

BUILDING CONNECTIONS to Genomic Health

October 26-28, 2018

DoubleTree by Hilton Orlando at SeaWorld
Orlando, Florida USA

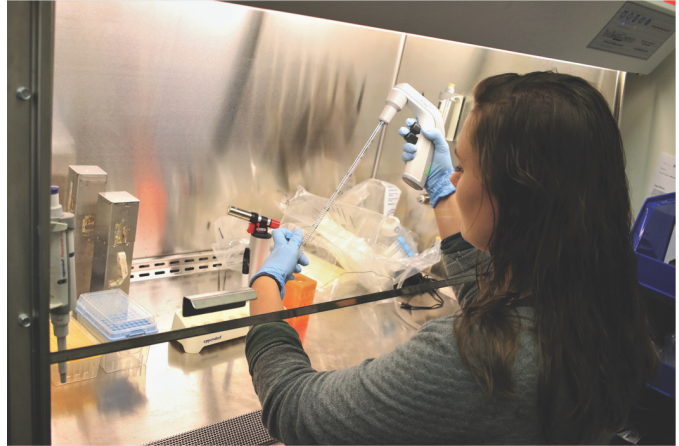


Congress Brochure

2018 ISONG World Congress
International Society of Nurses in Genetics



**Come and see
what everyone's
talking about...**



**NINR P20 Center for Accelerating Precision Pain Self-Management,
the Center for Advancement in Managing Pain and
the Center for Correctional Health Networks**

**Center for Open Research Resources and Equipment (COR2E) serves as the
gateway to research resources available to the UConn community including:
Advanced Light Microscopy; Microbial Analysis, Resources and Services;
Nuclear Magnetic Resonance, Proteomics and Metabolomics**

Laboratory of Mass Spectrometry and Omics Analysis

Brain Imaging Research Center

**Institute for Systems Genomics (ISG) and
Computational Biology Core (CBC)**

Learn how you can join us...

Associate Dean for Research: Full Professor (Tenure Track)

Assistant/Associate/Full Professor for Acute Care Nursing: Practice Tenure Track

Assistant/Associate/Full Professor for Behavioral Health: Tenure Track

Assistant/Associate/Full Professor — Open Concentration: Non-Tenure Track (two positions)

**Assistant/Associate/Full Professor — Pediatrics;
Joint Appointment with Connecticut Children's Medical Center: Non-Tenure Track**

**Visit us: nursing.uconn.edu
painresearch.uconn.edu**



Join Us

On behalf of the 2018 ISONG Congress Planning Committee, we invite you to join us at the 2018 Congress, "Building Connections to Genomic Health". The *DoubleTree by Hilton Orlando at Sea World* is an outstanding setting to connect with genetics and nursing colleagues from the United States and around the world. We look forward to many exciting presentations by keynote speakers as well as abstract and poster presentations. And new for this year, we will have three expert symposia on evolving topics in genetic nursing research and clinical care. The presentations have been chosen to meet the following objectives:

- To foster community engagement for genomic health initiatives and to encourage bi-directional spread of education, practice and research.
- To identify the use of clinically-relevant online genomics tools for education and research.
- To understand the unique role that human genomic diversity plays in health research and clinical practice.
- To apply the concepts gained through this conference to further integrate new communication methods in their own clinical specialty.

We encourage you to join us in Orlando and look forward to greeting you. Please remember the vital support of our Congress sponsors and visit each exhibit to learn about new and valuable contributions to health care and education.

Sincerely,



Deb Tamura, MS, RN
Congress Co-chair



Michael Groves, PhD, RN, CNE
Congress Co-chair

Congress Attendees Say It Best

"ISONG is such a wonderful place to network with nurse experts in genomics! I have made contacts that have opened my mind to different ways of thinking - and opened doors to wonderful opportunities. This is THE conference to attend if you want to know what is happening in nursing genomic practice and research!"

Kathi Huddleston, PhD, RN, CCRC
Inova Translational Medicine Institute

"ISONG Congress provides the opportunity to network and meet with both national and international colleagues. It almost seems like a "family reunion" as we have this once a year opportunity to get to see and talk to each other and catch up on professional and personal life."

Sylvia Estrada, DNP, MSHCM, WHNP-BC, CBCN, AGN-BC
Cedars Sinai Medical Center

"I have been a member of ISONG for many years and enjoy the networking that occurs at the yearly ISONG Congress, particularly since we can see what our colleagues are doing nationally and internationally."

Dennis J. Cheek, RN, PhD, FAHA
Texas Christian University



In Appreciation of the Dedication of the 2018 Congress Committee



Tara Albrecht, PhD, ACNP-BC



Cheryl Brubaker, BSN, MSN, DNP, FNP-BC



Dennis J. Cheek, RN, PhD, FAHA



Sylvia S. Estrada, DNP, WHNP-BC, CBCN



Jane Garvin, PhD, APRN, FNP-BC



*Kathleen T. Hickey EdD, FNP, ANP, APNG,
FAHA, FAAN*



Lynnette Howington, DNP, RNC, WHNP –BC, CNL



Paule V. Joseph, PhD, MS, FNP-BC, CTN-B



Theresa Koleck, PhD, BSN, RN



Stephanie Nikbakht, DNP, PPCNP-BC



Mandy Schmella, PhD, RN



Memnun Seven, RN, PhD



Kathleen J.H. Sparbel, PhD, FNP-BC



Kimberly Subasic, PhD, MS, RN



McKenzie Wallace, BSN, BA, RN



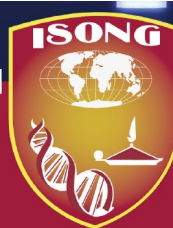
Linda Ward, PhD, ARNP



Karen E. Wickersham, PhD, RN

ISONG Vision *Caring for people's genetic and genomic health throughout the lifespan and across the continuum of health and disease.*

ISONG Mission *To serve both the nursing profession and the public. ISONG fosters and advocates for the scientific and professional development of its members and the nursing community, in the discovery, interpretation, application, and management of genomic information, for the promotion of the public's health and wellbeing. ISONG advocates for public understanding of genomic health and use of genomic information.*



Conference Venue

DoubleTree by Hilton Orlando at SeaWorld

10100 International Drive
Orlando, Florida 32821 USA
+1 (407) 352-1100



The *DoubleTree by Hilton Orlando at SeaWorld* offers a relaxed setting with easy access to the sights and sounds of Orlando. The resort is nestled within 28 acres of lush palm trees and tropical fountains tucked away from the hustle and bustle of the city. Resort rooms are clustered together between beautifully landscaped walkways.

Complimentary scheduled shuttle services are offered to SeaWorld, Aquatica, and Universal Studios Orlando from the resort. Shuttle service to Walt Disney World is available with a fee and it must be secured in advance at the activities desk located in the resort lobby.

Attendees of the ISONG Congress will receive complimentary IRIDE trolley tickets to explore the shopping, dining and entertainment opportunities on International Drive. Enjoy an array of stylish restaurants, activities and extensive shopping experiences with world class fashion stores and boutiques at the Prime Outlet Mall, Florida Mall and Mall at Millenia. For more information about activities in the Orlando area please [click here](#).

Travel Details

Orlando International Airport (MCO)

The *DoubleTree by Hilton Orlando at SeaWorld* is approximately a 15 - 20 minute drive from the Orlando International Airport (MCO). All transportation options from the airport are available near the baggage claim area and include taxis at \$35-\$40/one-way as well as car rentals and shuttles as listed below.

ISONG has arranged a discount from these two shuttle companies for our attendees:

◆ SuperShuttle

ISONG attendees, please use the group code J4PQY to receive 10% off SuperShuttle. The one-way rates are \$13/shared ride (\$26/round trip). Non-stop options are available at an additional cost. [Click here](#) for more information.

◆ MEARS

ISONG attendees are offered a special rate of \$29/round trip. You must call 24 hours in advance to take advantage of this offer. [Click here](#) for the information and to book this option. **You must present the hard copy of your reservation when you arrive at the airport for this discount option.**



Congress Details

Symposia Sessions

New for this year, we have three expert symposia on evolving topics in genetic nursing research and clinical care. These integral presentations will connect the bench to clinical practice.

Discovery to Practice in Metabolics

NBS (newborn screening) has been available for MMA (methylmalonic acidemia) and PA (propionic acidemia) since 2004 in the US. This session will examine how the expansion of NBS has impacted the patient population in the US, including potential benefits and pitfalls of newborn screening programs. Evidence based treatments along with the challenges of developing clinically relevant study outcome parameters and biomarkers will be discussed. The presenters will address the increased disease burden, accumulated long-term sequelae of disease, and lack of adult care facilities competent in managing these multisystemic diseases. The development of clinical trials for future therapies of MMA and PA will be reviewed.

Discovery to Practice in Oncology

Since the completion of The Human Genome Project in 2003, perhaps the greatest clinical impact has been in cancer research and care. The identification of germline genetic variations for cancer susceptibility has vastly improved individual risk assessment methodologies; moreover, the identification of somatic gene mutations responsible for cancer cell transformation has led to the development of groundbreaking therapies. The presenters at this symposium will discuss the use of cancer genomics in current clinical care.

Discovery to Practice in Pharmacogenomics

The symposia will focus on how to initiate drug management and pharmacogenomics testing into clinical practice. The presenters from pediatric oncology, mental health care, and pharmaceutical science will discuss potential benefits and barriers to implementing pharmacogenomics into several areas of practice.

State of (Data) Science in Nursing and Genomics

This presentation aims to provide a thought-provoking, high-level overview of the emerging field of data science. Attendees will learn about prominent data science methods through use of innovative exemplars in the intersection of data science, genomics, nursing practice, education, and research. An extension of this plenary session presentation will be an Open Data Lab where participants are encouraged to gain hands-on experience manipulating “big” genomic data!

Test2Learn - Learning Through Personal Genomes

In this interactive session, attendees will engage with personal genomic information through an optional direct-to-consumer genome testing experience, gaining contemporary insights into clinically useful applications and limitations of genomic risk testing. Learners will be exposed to an interdisciplinary panel of speakers who will present both clinical and educational approaches that foster a richer understanding of genomics through experiential learning.

This session will briefly review the history, context, and legal/regulatory factors of direct-to-consumer personal genome risk testing; use personal/sample results and an innovative web application; experience genomic testing through a guided tour of selected pharmacogenomic, disease, and ancestry results and their interpretation; discuss the strengths and limitations of various genomic testing platforms, focusing on clinical utility; and parallel this activity with other experiential learning approaches for fostering genomics education and competency for health care providers/students.

Sponsored by:





Congress Details

Welcome Reception

We would like to invite all attendees to the Welcome Reception on Thursday, October 25th from 7-9PM. It is a great way to kick off the annual meeting and to connect with new and old friends!



Donate a Raffle Item

Please consider donating a small item to the ISONG raffle. **The ISONG raffle directly benefits ISONG and is always a highly anticipated event!** Our members hail from around the world and we will have an array of unique items. Bring something from your hometown, country, or institution. Items that travel well in a suitcase are best. If you prefer, you can support the raffle though a [monetary donation](#). Contact Sylvia Estrada at estradas@cshs.org with any questions.

Abstract and Poster Sessions

The 2018 Abstract Sessions reflect a focus on the titles as listed and offer current and late breaking information in Genetics/Genomics. Abstracts that were accepted for poster presentations will have their posters displayed throughout the Congress. Also, the attendees will have the opportunity to meet with the poster authors at the refreshment breaks as noted in the program. Due to positive feedback, the "Poster Blitz" session will once again be featured in the program. This session provides select poster presenters with the opportunity to orally present their work to Congress attendees with a brief overview of their work in addition to presenting at the traditional poster session. Refer to the program for details about the oral abstracts and poster presentations.

International Panel Session

This panel will be an exciting overview from participant countries on genetic nursing connections.



ISONG Awards and Grants

The Founders' Awards honor ISONG members who have demonstrated excellence in genomic nursing practice, education or research. The three fields reflect the vision of ISONG to advance genomic nursing practice, education and research worldwide. The President's Award is for an ISONG Member who displays outstanding service, dedication and leadership. These awards make it possible for ISONG as a professional organization to recognize members who are leaders in genetic/genomic nursing and health care. The awards will be presented during the Congress as noted in the program.



Building Connections

A dedicated session with an opportunity for dialogue, professional connections and networking. This time is made available for you to introduce yourself and to connect with others at the Congress.

NINR Training Opportunities

An opportunity for Q&A regarding NINR annual boot camps and the Summer Genetics Institute to train nurse scientists in emerging areas of science and genomics. Also, hear about intramural training opportunities for scientists at many levels.



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ISONG acknowledges the generosity and support:

Sponsors and Exhibits

Sponsorship of the ISONG Congress helps to support this premier educational opportunity for nurses in genetics/genomics worldwide.



All of Us Research Project and the National Association of Hispanic Nurses: Building Connections to Genomic Health One Step at a Time

In the *All of Us* program, the National Association of Hispanic Nurses (NAHN) has been prioritized as an essential community engagement partner. The purpose of this presentation is to provide an overview of the *All of Us* program, discuss the development of the partnership between All of Us and NAHN, identify the need for minority participants, discuss the barriers of research participation of minorities, present a successful collaboration with NAHN and *All of Us* to enhance recruitment of Latinos in the program.

All of Us Research Program, originally called The Precision Medicine Initiative® (PMI) Cohort Program, is the largest health and medical research program on precision medicine. A set of core values guides its development and implementation.

The goal of the *All of Us Research Program* is to recruit one million participants from all across the U.S. Participants will be asked to contribute their health information that will identify better ways to prevent and treat diseases that are based on individual health, environment, and lifestyle. The goal of the program is to reflect inclusivity of all people in our country.

All of Us represents the hope for all of us to come together to change the future of health care. **The purpose of this presentation is to provide a background of the *All of Us Research Program* and discuss the methods and outcomes used to enhance the recruitment of Latinos in the *All of Us* program.**



Congress Program Agenda

Thursday, October 25, 2018

4:00PM - 8:00PM **Congress Registration**

7:00PM - 9:00PM **Welcome Reception**

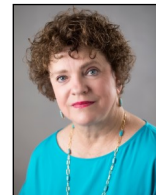
Friday, October 26, 2018

7:00AM - 5:00PM **Congress Registration**

7:00AM - 8:30AM **Coffee, Tea; Visit Exhibits, Posters and Raffle**

8:30AM - 8:45AM **Opening Remarks and President's Welcome**

Mindy Tinkle, PhD, RN, WHNP-BC, FAAN
Associate Dean for Undergraduate Nursing
South Dakota State University
Brookings, South Dakota USA



8:45AM - 9:45AM **Opening Keynote Presentation - NCATS Programs for Advancing the Translation of Genetic Therapies to Patients**

Moderator: *Deb Tamura*

Philip J. Brooks, PhD

Program Director

Division of Clinical Innovation and Office of Rare Diseases Research

National Center for Advancing Translational Sciences (NCATS)

National Institutes of Health

Bethesda, Maryland USA



9:45AM - 10:45AM **Abstract Sessions**

10:45AM - 11:15AM **Refreshment Break; Visit Exhibits, Posters and Raffle**

11:15AM - 12:15PM **Abstract Sessions**

12:15PM - 1:30PM **Lunch, Networking and ISONG Committee Meetings**

Enjoy lunch with ISONG Members during the committee meetings (optional) or with your fellow Congress attendees. This is an opportunity to network early in the program!





BUILDING CONNECTIONS to Genomic Health

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Friday, October 26, 2018 (continued)

1:30PM - 2:30PM

Keynote Presentation - Making Disease-Risk Visible Through Genomic Screening

Moderator: *Kim Subasic*

Michael Murray, MD

Director of Clinical Operations

Center for Genomic Health

Yale University, School of Medicine

New Haven, Connecticut USA



2:30PM - 2:45PM

Research Awards Presentation

2:45PM - 3:15PM

Refreshment Break; Visit Exhibits, Posters and Raffle

Authors (for even numbered posters) available at their posters

3:15PM - 3:30PM

Founders Awards Presentation

3:30PM - 4:15PM

State of the (Data) Science in Nursing and Genomics

Moderator: *Jane Garvin*

Caitlin Dreisbach, PhD(c), RN

Data Scientist

Center for Public Health Genomics

Doctoral Student

University of Virginia, School of Nursing

Charlottesville, Virginia USA



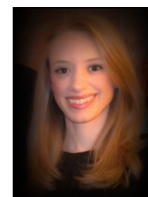
Theresa A. Koleck, PhD, RN

Associate Research Scientist

Nursing Scholarship and Research

Columbia University

New York, New York USA



4:15PM - 4:45PM

Poster Blitz Sessions

Session 1 (Posters 1-18)

Moderator: *Karen Whitt*

Session 2 (Posters 19-33)

Moderator: *Jennifer Sanner-Beauchamp*

4:45PM - 5:00PM

Building Connections

Moderator: *Kathleen Hickey*

5:00PM - 5:45PM

State of the (Data) Science in Nursing and Genomics Lab

Caitlin Dreisbach, PhD(c), RN

Theresa A. Koleck, PhD, RN

5:45PM - 6:15PM

NINR Training Opportunities

Pamela Tamez, PhD

Acting Training Director & Deputy Training Director

National Institutes of Health, Division of Intramural Research, NINR

Bethesda, Maryland USA





BUILDING CONNECTIONS to Genomic Health

October 26-28, 2018
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Saturday, October 27, 2018

7:00AM - 5:00PM

Congress Registration

7:00AM - 8:30AM

Coffee, Tea; Visit Exhibits, Posters and Raffle

8:30AM - 8:45AM

Announcements

8:45AM - 10:15AM

Keynote Presentation - Test2Learn: Learning Through Personal Genomes

Moderator: *Mandy Schmella*

Jennifer R. Dungan, PhD, RN

Assistant Professor

School of Nursing

Division of Adult & Elderly Nursing

Duke University

Durham, North Carolina USA

Philip E. Empey, PharmD, PhD

Assistant Professor

Pharmacy and Therapeutics

School of Pharmacy

University of Pittsburgh

Pittsburgh, Pennsylvania USA

Nicole Osier, RN, BSN, PhD

Assistant Professor

Director of the Biobehavioral Core

St. David's CHPR

School of Nursing

Division of Holistic Adult Health

Dell Medical School

Department of Neurology

The University of Texas at Austin

Austin, Texas USA



Sponsored by



10:15AM - 10:45AM

Refreshment Break; Visit Exhibits, Posters and Raffle

10:45AM - 11:45AM

Abstract Sessions

11:45AM - 1:15PM

Lunch and Business Meeting

This is an opportunity to hear updates about ISONG, committee reports, goals and projects to help foster the scientific and professional growth of nurses in human genetics and genomics worldwide. The winner of the Presidents Award will be recognized during the lunch.



BUILDING CONNECTIONS
to Genomic Health

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Saturday, October 27, 2018 (continued)

1:15PM - 2:30PM **Symposia Sessions (Concurrent)**

Discovery to Practice in Metabolics

Susan Ferry, RN, BSN
Research Nurse Specialist
Organic Acid Research Section
National Institutes of Health
Bethesda, Maryland USA



Irini Manoli, MD
Associate Investigator
Organic Acid Research Section
Medical Genomics and Metabolic Genetics
National Institutes of Health
Bethesda, Maryland USA



Moderator: *Deb Tamura*
Carol Van Ryzin, RN, CPNP
Pediatric Nurse Practitioner
NHGRI/MGMGB/OARS
National Institutes of Health
Bethesda, Maryland USA



Discovery to Practice in Oncology

Stacy Hines-Dowell, DNP, AGN-BC
Doctor of Nursing Practice/
Advance Genetics Nurse - Board Certified
Department of Oncology
Division of Cancer Predisposition
St. Jude Children's Research Hospital
Memphis, Tennessee USA



Selvi Palaniappan, MS, CGC
Certified Genetic Counselor and
Oncology Genetic Specialist
Ambry Genetics
Atlanta, Georgia USA



Moderator: *Sylvia Estrada*
Ahmad Tarhini, MD, PhD
Director, Melanoma and Skin Cancer
Program
Director, Center for Immuno-Oncology
Research
Cleveland Clinic Taussig Cancer Institute
Principal Investigator, ETCTN
Case Comprehensive Cancer Center
Taussig Cancer Center
Cleveland, Ohio USA



Discovery to Practice in Pharmacogenomics

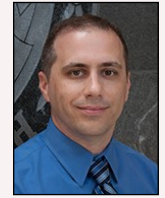
Lisa Bashore, PhD, APRN, CPNP-PC, CPON
Assistant Professor
Harris College of Nursing and Health Sciences
Texas Christian University
APRN Hematology and Oncology Program
Life After Cancer Program
Cook Children's Medical Center
Fort Worth, Texas USA



Virginia Conley, PhD, ARNP, PMHNP-C
Eyerly Ball Community Mental Health Center
Professor (Clinical)
College of Nursing
University of Iowa
Iowa City, Iowa USA



Moderator: *Dennis Cheek*
Philip E. Empey, PharmD, PhD
Assistant Professor
Pharmacy and Therapeutics
School of Pharmacy
University of Pittsburgh
Pittsburgh, Pennsylvania USA



Saturday, October 27, 2018 (continued)

2:30PM - 3:00PM **Refreshment Break; Visit Exhibits, Posters and Raffle**
Authors (for odd numbered posters) available at their posters

3:00PM - 4:15PM **Symposia Sessions (Concurrent)**

Discovery to Practice in Metabolics Moderator: <i>Deb Tamura</i> <i>Susan Ferry, RN, BSN</i> <i>Irini Manoli, MD</i> <i>Carol Van Ryzin, RN, CPNP</i>	Discovery to Practice in Oncology Moderator: <i>Sylvia Estrada</i> <i>Stacy Hines-Dowell, DNP, AGN-BC</i> <i>Selvi Palaniappan, MS, CGC,</i> <i>Ahmad Tarhini, MD, PhD</i>	Discovery to Practice in Pharmacogenomics Moderator: <i>Dennis Cheek</i> <i>Lisa Bashore, PhD, APRN, CPNP-PC, CPON</i> <i>Virginia Conley, PhD, ARNP, PMHNP-C</i> <i>Philip E. Empey, PharmD, PhD</i>
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4:15PM - 4:20PM **Room Transition**

4:20PM - 5:20PM ***All of Us Research Project* and the National Association of Hispanic Nurses:
Building Connections to Genomic Health One Step at a Time**

Moderator: *Tina Mladenka*
Norma G. Cuellar, PhD, RN, FAAN
President
National Hispanic Nurses Association
Professor
The University of Alabama, Capstone College of Nursing
Tuscaloosa, Alabama USA



5:20PM - 5:45PM **Raffle Drawing**

5:45PM - 6:45PM **Fireside Chat / ONSEN Demonstration**
Kathleen A Calzone, PhD, RN, AGN-BC, FAAN
Research Geneticist
Branch of Genetics
National Institutes of Health (NIH)
Bethesda, Maryland USA



Lois A. Tully, PhD
Program Director
Office of Extramural Programs
National Institute of Nursing Research (NINR)
National Institutes of Health
Bethesda, Maryland USA



Informal question and answer session with Dr. Lois Tully of the NINR. The session provides the young nurse scientist and more seasoned scientists an opportunity to discuss research and funding opportunities.

The Omics Nursing Science and Education Network (ONSEN) is a web-based resource supported by the National Institutes of Health as part of the efforts to operationalize the recommendations of the Genomic Nursing Science Blueprint. Drs. Kathy Calzone and Lois Tully will provide a demonstration of ONSEN's features.



Sunday, October 28, 2018

7:15AM - 12:15PM **Congress Registration**

7:15AM - 8:00AM **Coffee, Tea; Visit Exhibits and Posters**

8:00AM - 8:30AM **Incoming President Address**

Catherine Read, PhD, RN

Associate Professor

Director, Keys to Inclusive Leadership in Nursing (KILN) Program

Connell School of Nursing

Boston College

Chestnut Hill, Massachusetts USA



8:30AM - 9:30AM **International Panel**

Moderator: *Sivia Barnoy*

Panel:



Naoko Arimori, PhD

Professor

Niigata University

Niigata, Japan



Sivia Barnoy, RN, PhD

Lecturer, Head of Nursing Department

Tel-Aviv University

Tel-Aviv, Israel



Bobbi Laing, PhD; PG teaching;

PG Health Mang., RN

Post Doc Research Fellow

University of Auckland

Auckland, New Zealand



Anecita Gigi Lim, PhD

Senior Lecturer

University of Auckland

Auckland, New Zealand



Jane Maguire, PhD, BA, BN, RN

Professor of Nursing

University of Technology Sydney

Sydney, Australia



Şeyma İnciser Paşalak, RN, PhD(c)

Research Assistant

Koç University

Istanbul, Topkapi, Turkey

9:30AM - 10:00AM **Refreshment Break; Visit Exhibits and Posters**

10:00AM - 11:15AM **Abstract Sessions**

11:15AM - 12:15PM **Closing Keynote Presentation - Pharmacogenomics and
Global Health Disparities**

Moderator: *Jane Garvin*

Cheedy Jaja, PhD, MPH, MN, MSN, PMHNP-BC, RN

Associate Professor

University of South Carolina

Columbia, South Carolina USA



Congress Concludes



ISONG Genetic Nursing Research Grant Award Recipients

Look for the ribbons throughout the congress program denoting the authors who are past recipients of this award.



Join Us!

ISONG Membership means ...

This premier educational event is just one of the many offerings that ISONG provides.

Additional benefits of ISONG membership are:

- ◆ Be informed: receive the latest references and updates on genetics.
- ◆ Stay connected: connect with your peers through the Forum - a lively area for discussion in the membership system.
- ◆ Career and growth opportunities: job postings and educational events are listed in the membership system.
- ◆ Year-round education: webinars and the Annual ISONG World Congress offer educational opportunities, and members receive discounted registration fees for these programs. Webinars are available to view at your convenience and include Continuing Education Credits where noted.
- ◆ Research grants: ISONG members are eligible to apply for the annual research grant awards.

Join ISONG at www.isong.org. We look forward to welcoming you as a member!

ISONG Board of Directors



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ISONG

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Pittsburgh, Pennsylvania 15228 USA
+1 412-344-1414 | linda@isong.org



Oral Abstracts

Friday, October 26, 2018 ♦ 9:45 AM - 10:45 AM

Education

Moderator: *Tammy McKamie*

9:45 AM An Evidence-based Framework For Genomic Nursing Education

Linda D Ward, Washington State University College of Nursing, Spokane, WA, USA

10:00 AM The Potential Of Undergraduate Courses To Facilitate Understanding Of Genetics, Epigenetics, Genomics And DOHaD Concepts In Populations Of Future Health Professionals

Anecita Gigi Lim, University of Auckland, Auckland, New Zealand

10:15 AM Improving Genomic Competency Of Nursing Faculty In Practice And Education

Mary Smania, Elizabeth Wasilevich, Kathleen Poindexter, Michigan State University College of Nursing, East Lansing, MI, USA

10:30 AM Assessment Of Genomic Knowledge Among Nurses In An Online RN To BSN Completion Program

Lisa Aiello, Drexel University, Philadelphia, PA, USA

Clinical Practice

Moderator: *Stephanie Nikbakht*

9:45 AM Expanded Newborn Screening In Tennessee: A Center's First Patient With Infantile Onset Pompe Disease

Stephanie Nikbakht¹, Holly Lydigsen², ¹The University of Tennessee Health Science Center and LeBonheur Children's Medical Center, Memphis, TN, USA, ²LeBonheur Children's Medical Center, Memphis, TN, USA

10:00 AM Change In Genetic Knowledge Of Parents Consenting To Clinical Genomic Sequencing For Their Child With Cancer Following A Two-Phase Consent

Belinda Mandrell, Anastasia Ouma, Lynn Harrison, Kayla Hamilton, Emily Quinn, Rose McGee, Regina Nuccio, Stacy Hines-Dowell, Elise Gerhardt, Chimene Kesserwan, Jessica Valdez, Liza Johnson, Kim Nichols, St. Jude Children's Research Hospital, Memphis, TN, USA

10:15 AM A Way To Improve Hereditary Cancer Pickup: Utilization Of The Handbook Of Fertility Preservation

Sayoko Tateuchi¹, Yuumi Ashihara², Mizuho Kita³, Miho Suzuki⁴, Akemi Kataoka⁵, Reiko Yoshida³, ¹Nursing department, Cancer Institution Hospital (CIH), Japanese Foundation for Clinical Research (JFCR), Tokyo, Japan. ²Clinical Genetic Oncology, CIH JFCR, Tokyo, Japan, ³Clinical Genetic Oncology, CIH JFCR, Tokyo, Japan, ⁴Nursing department, CIH JFCR, Tokyo, Japan, ⁵Department of Breast Surgery, CIH JFCR, Tokyo, Japan

10:30 AM Furious And Fast: Clinical Indications For Genetic Testing In Metastatic Prostate Cancer

Laurie Connors¹, Kate McReynolds², ¹Vanderbilt University, Nashville, TN, USA, ²Vanderbilt University Medical Center, Nashville, TN, USA

Research

Moderator: *Kathy Sparbel*

9:45 AM Companions Or Patients? Nurses, Physicians, And Genetic Counsellors Views Of The Impact Of Family Presence In Genetic Counseling For Inherited Breast Cancer

Sivia Barnoy, Nursing Department, Tel-Aviv University, Tel-Aviv, Israel, School of Law, Netanya Academic College, Netanya, Israel, Honorary Senior Lecturer, School of Law, University of Leicester, Leicester, United Kingdom

10:00 AM Studying Relationship Between Usage Of Prenatal Screening And Diagnosis Tests And Genetic Literacy Level Of Pregnant Women

Şeyma Inciser Paşalak¹, Memnun Seven¹, Eda Şahin², Aygül Akyüz¹, ¹Koç University, Istanbul, Turkey, ²Giresun University, Giresun, Turkey

10:15 AM Reasons Adolescents Choose To Learn Or Not Learn Sequencing Results For Various Conditions Including Adult Onset Conditions

Cynthia Prows¹, Josie Pervola², Michelle McGowan^{1,3}, Melanie Myers^{1,2}, ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA, ²University of Cincinnati College of Medicine, Cincinnati, OH, USA, ³University of Cincinnati Department of Women's, Gender, and Sexuality, Cincinnati, OH, USA

10:30 AM Genetic Professional Skills Performance In Nursing: A Preliminary Study In Highly Educated Nurses

Sivia Barnoy², Efrat Dagan¹, ¹University of Haifa, Haifa, Israel, ²Tel Aviv University, Tel Aviv, Israel




Oral Abstracts

Friday, October 26, 2018 ♦ 11:15 AM - 12:15 PM

Research

Moderator: *Karen Wickersham*

11:15 AM Exploring Associations Between Differential Expression Of Genes On Inflammasome Pathways And Morning And Evening Fatigue Severity In Women Newly Diagnosed With Breast Cancer

 Fay Wright¹, M. Tish Knobf², Lajos Pusztai³, Christine Shiang^{3,4}, Hye Won Yoon¹, ¹New York University Rory Meyers College of Nursing, New York, NY, USA, ²Yale University School of Nursing, Orange, CT, USA, ³Yale Cancer Center, New Haven, CT, USA, ⁴UT Southwestern, Dallas, TX, USA

11:30 AM Trauma on Our Genes: The Role of Traumatic Life Events on miRNA Expression in Differential Pain Profiles

Paule Valery Joseph, Division of Intramural Research, NINR, NIH, DHHS, Bethesda, MD, USA

11:45 AM Differential Expression And Perturbation Of Mitochondrial Dysfunction Genes And Pathways Associated With Chronic Paclitaxel-Induced Peripheral Neuropathy In Breast Cancer Survivors

Kord Kober, Jon Levine, Judy Mastick, Bruce Cooper, Steve Paul, Christine Miaskowski, University of California, San Francisco, CA, USA


12:00 PM Catecholaminergic, Gabaergic, And Serotonergic Polymorphisms Associated With Symptom Clusters In Oncology Patients Receiving Radiation Therapy

Christine Miaskowski¹, Yvette Conley², Judy Mastick¹, Steven Paul¹, Bruce Cooper¹, Kord Kober¹, ¹University of California, San Francisco, CA, USA, ²University of Pittsburgh, Pittsburgh, PA, USA

Research

Moderator: *Mandy Schmella*


11:15 AM Cell-Free DNA As A Measure Of Inflammation In Rheumatoid Arthritis

 Mayu Frank^{1,2}, Marilyn Hammer^{3,2}, Yvette Conley⁴, Holly Hagan², ¹Rockefeller University, New York, NY, USA ²New York University, New York, NY, USA, ³Mount Sinai Hospital, New York, NY, USA, ⁴University of Pittsburgh, Pittsburgh, PA, USA

11:30 AM Metabolomic Analysis And Comparison Of Women With Fibromyalgia With Healthy Controls

Victoria Menzies¹, Leroy R. Thacker¹, Angela Starkweather², Debra Lyon³, Yingwei Yao³, ¹Virginia Commonwealth University School of Nursing, Richmond, VA, USA, ²University of Connecticut School of Nursing, Storrs, CT, USA, ³University of Florida College of Nursing, Gainesville, FL, USA

11:45 AM Associations Between Cytokine Gene Polymorphisms And Health-Related Quality Of Life In Young Adults With Crohn's Disease

 Mitchell Knisely, Yvette Conley, Eva Szigethy, University of Pittsburgh, Pittsburgh, PA, USA

12:00 PM Exosomal Protein Profiles And Weight Gain After Kidney Transplantation

Young Cho¹, Hyung-Suk Kim¹, Sijung Yun², Ann Cashon¹, ¹NINR/NIH, Bethesda, MD, USA, ²Yotta Biomed, LLC, Bethesda, MD, USA

Clinical Practice

Moderator: *Linda Ward*

11:15 AM Utilization Of A Multi-Gene Panel To Determine The Etiology Of Progressive Limb-Girdle Muscle Weakness In An Adolescent Male

Delwin Jacoby, Miriam Bunch, University of Kentucky, Lexington, KY, USA

11:30 AM Clinical Curveballs With Multigene Panel Testing

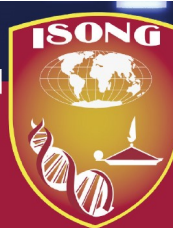
Susan Montgomery, Fox Chase Cancer Center, Philadelphia, PA, USA

11:45 AM Assessing Readiness Of Primary Care Providers To Provide Genetic Screening For Hereditary Cancer Syndromes

Amy Bundy, Christus Trinity Clinic, Tyler, TX, USA

12:00 PM The Usability Of Family Health History Tools In Primary Care

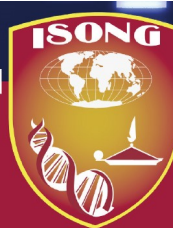
Karen Whitt¹, Gaye Ray², Ann Maradiegue¹, Sarah Rushton², ¹George Washington University, Washington, DC, USA. ²Brigham Young University, Provo, UT, USA



Oral Abstracts

Saturday, October 27, 2018 ♦ 10:45 AM - 11:45 AM

ResearchModerator: *Linda Ward***10:45 AM "We Think Your Child Has Down Syndrome": Cross-National Comparison of Parental Satisfaction with Informing Process**Marcia Van Riper, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA**11:00 AM Building Connections: Low Levels Of Vitamin D Associated With Gene Variants: Implications For Health**Bobbi Laing¹, Nishi Karunasinghe^{1,2}, Lynnette Ferguson¹, ¹University of Auckland, Auckland, New Zealand. ²Auckland Cancer Society Research Centre, Auckland, New Zealand**11:15 AM Exploring The Dependability Of Support Networks Within A Sickle Cell Disease Leg Ulcer Cohort**Ashley Buscetta¹, Dawn Lea², Khadijah Abdallah¹, Mindy Perilla², Niraj Trivedi¹, Laura Koehly², Vence Bonham¹, ¹NIH/NHGRI, Social and Behavioral Research Branch, Bethesda, MD, USA, ²NIH/NHGRI, Social and Behavioral Research Branch, Social Networks Methods Section, Bethesda, MD, USA**11:30 AM Development And Pilot Testing Of A Tool For The Assessment Of Strategic Integration Of Genomics Across Nursing (ASIGN)**Emma Tonkin¹, Maggie Kirk¹, Kathleen Calzone², Laurie Badzek³, Caroline Benjamin⁴, Anna Middleton⁵, Christine Patch⁶, ¹University of South Wales, Pontypridd, United Kingdom, ²National Institutes of Health, National Cancer Institute, Bethesda, MD, USA, ³University of North Carolina, Wilmington, NC, USA, ⁴University of Central Lancashire, Preston, United Kingdom. ⁵Wellcome Genome Campus, Cambridge, United Kingdom, ⁶King's College London, London, United Kingdom**Research**Moderator: *Kathleen Hickey***10:45 AM Family History Viewed As Equally Influencing Risk Among Individuals With And Without A Family History Of Premature Heart Disease**Christopher Imes, Lisa Shah, University of Pittsburgh School of Nursing, Pittsburgh, PA, USA**11:00 AM Clinical Evaluation And Genetic Testing For An Underlying Cardiac Channelopathy Following An Out-of-Hospital Cardiac Arrest**Theresa Koleck, Nicholas Tatonetti, Kathleen Hickey, Columbia University, New York, NY, USA**11:15 AM Exploring The Relationship Between Disease Experience And Family Communication About Genetic Risk For Heritable Cardiomyopathies And Arrhythmias**Lisa Shah¹, John Michael Purdon¹, Sandra Daack-Hirsch², Yvette Conley¹, ¹University of Pittsburgh, Pittsburgh, PA, USA, ²University of Iowa, Iowa City, IA, USA**11:30 AM Perceptions Of Usability Of A Clinical Decision Support Tool Via Mobile Application For Pharmacogenetics**Crystal Dodson, Elizabeth Baker, University of North Carolina at Wilmington, Wilmington, NC, USA**Clinical Practice**Moderator: *Mitchell Knisely***10:45 AM Familial Amyotrophic Lateral Sclerosis And Frontotemporal Dementia Associated With C9orf72 Gene Mutation In A Large Family Cohort**Delwin Jacoby, University of Kentucky, Lexington, KY, USA**11:00 AM Psychosocial Distress In The High Risk Cancer Genetics Department**Catherine Marcum, CHI Memorial, Chattanooga, TN, USA**11:15 AM Connecting Patients To Genetic Services: What Working As The First Genetic Nurse In Individualized Medicine Taught Me**Katherine Burbank, Med City Nurse, Rochester, NY, USA**11:30 AM Genetic And Genomic Influences On The Human Pain Experience**Karen Jakub, Duquesne University, Pittsburgh, PA, USA



Oral Abstracts

Sunday, October 28, 2018 ♦ 10:00 AM - 11:15 AM

Research

10:00 AM Type 2 Diabetes Markers Decreased With Longer Duration Of Breastfeeding In The Peri/Postnatal Epigenetic Twins Study (PETS):

Theoretical Epigenetic Mechanisms

Heide Temples¹, Yuk Jing Loke², William Bridges¹, Richard Saffery^{2,3}, Jeffrey Craig^{2,3,4}, ¹Clemson University, Clemson, SC, USA. ²Murdoch Childrens Research Institute, Melbourne, Australia, ³University of Melbourne, Melbourne, Australia, ⁴Deakin University, Geelong, Australia

10:15 AM Trajectory Patterns Of HAMP DNA Methylation And Patient Outcomes Following Aneurysmal Subarachnoid Hemorrhage

Yvette Conley^{1,2}, Lacey Heinsberg¹, Annie Arockiaraj², Elizabeth Crago³, Dianxu Ren⁴, John Shaffer², Daniel Weeks^{2,5}, ¹Department of Health Promotion and Development, School of Nursing, University of Pittsburgh, Pittsburgh, PA, USA, ²Department of Human Genetics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA, USA, ³Department of Acute and Tertiary Care, School of Nursing, University of Pittsburgh, Pittsburgh, PA, USA, ⁴Department of Health and Community Systems, School of Nursing, University of Pittsburgh, Pittsburgh, PA, USA, ⁵Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA, USA

10:30 AM DRD2 Promoter Region Methylation Patterns Post Aneurysmal Subarachnoid Hemorrhage

Ansley Stanfill, Mary Piraino, Nitin Goyal, Khalid Alsherbini, Mark Malkoff, Adam Arthur, Lucas Elijovich, University of Tennessee Health Science Center, Memphis, TN, USA



10:45 AM Epigenome-Wide Associations With Cigarette Smoking Among African American Women

Veronica Barcelona de Mendoza¹, Yunfeng Huang², Kristen Brown², Jacquelyn Taylor³, Yan Sun², ¹Yale University School of Nursing, Orange, CT, USA, ²Emory University, Atlanta, GA, USA, ³NYU Rory Meyers College of Nursing, New York, NY, USA

11:00 AM Methylation Of Genes In The OXPHOS Pathway And Functional Outcome Following TBI

Ellita Williams¹, John Shaffer¹, Ava Puccio^{1,2}, David Okonkwo^{1,2}, Daniel Weeks¹, Yvette Conley¹, ¹University of Pittsburgh, Pittsburgh, PA, USA, ²University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Research

10:00 AM Identification Of Health And 16S rRNA Intestinal Microbiome Characteristics Of Stool Donors For Fecal Microbiota Transplantation

Nancy Dubois^{1,2}, Catherine Read¹, Zain Kassam², Susan Kelly-Weeder¹, Matt Gregas¹, ¹Boston College, Chestnut Hill, MA, USA. ²Finch Therapeutics, Somerville, MA, USA

10:15 AM Genetic Testing And Phenotypic Characterization Of Severely Obese Pediatric And Adult Volunteers: Study Design And Methodology

Amy McCagg², Ashley Shoemaker¹, Fred Fiedorek², Hillori Connors², Alastair Garfield², Lex Van der Ploeg², Jennifer Miller³, ¹Pediatric Endocrinology and Diabetes, Vanderbilt University Medical Center, Nashville, TN, USA, ²Rhythm Pharmaceuticals, Boston, MA, USA, ³Pediatric Endocrinology, University of Florida, FL, USA

10:30 AM Fatigue And The Gut Microbiome Of Rectal Cancer Patients Undergoing Chemo-Radiation; Interim Analysis

Velda Janet Gonzalez-Mercado¹, Josué Pérez-Santiago², Xiomara Torres-Jiménez³, Dr. Wendy Henderson⁴, Leorey N Saligan⁴, Bradley Kane¹, Mary Esole⁵, Maureen Groer¹, ¹University of South Florida, Tampa, FL, USA, ²University of Puerto Rico Comprehensive Cancer Center, San Juan, Puerto Rico, ³University of Puerto Rico, San Juan, Puerto Rico, ⁴National Institute of Nursing Research/NIH, Bethesda, MD, USA, ⁵Florida Hospital Tampa Bay, Tampa, FL, USA

10:45 AM Identification of Microbiome and Clinical Influences Related to Very Early Childhood Obesity

Kathi Huddleston¹, Kara Touscany¹, Suchitra Hourigan¹, Mark DeBoer², ¹Inova Translational Medicine Institute, Falls Church, VA, USA. ²University of Virginia, Charlottesville, VA, USA

11:00 AM Association of Genetic Ancestry and Early Childhood Obesity

Kathi Huddleston, Sahel Hazrati, Alma Fuller, Kara Touscany, Inova Translational Medicine Institute, Falls Church, VA, USA



Oral Abstracts

Sunday, October 28, 2018 ♦ 10:00 AM - 11:15 AM (continued)

Research

10:00 AM Identification of a Transcriptional "Pain Signature" in the Bowel Following Spinal Cord Injury: Novel Targets for Precision Management of Chronic Abdominal Pain After Spinal Injury

Erin Young^{1,2}, Noelle McKearney³, Jessica Yasko³, Kyle Baumbauer¹, ¹University of Connecticut School of Nursing, Storrs, CT, USA. ²Genetics and Genome Sciences, UCONN Health, Farmington, CT, USA. ³Dept of Neuroscience, UCONN Health, Farmington, CT, USA

10:15 AM Nipple and Breast Pain and COMT SNPs in Women Who are Initiating Breastfeeding

Ruth Lucas, Yiming Zhang, Erin Young, University of Connecticut, Storrs, CT, USA

10:30 AM An Investigation of Shared Genetic Variation for Binge Eating and Binge Drinking Behaviors in College Freshmen

Carley Lovell, Fazil Aliev, Danielle Dick, Amy Adkins, Virginia Commonwealth University, Richmond, VA, USA

10:45 AM Comparison Of Three Oxidative Stress Biomarkers For Human Studies in RYR1-related Myopathy

Katherine Meilleur, Joshua Todd, Jessica Witherspoon, M. Sonia Razaqyar, Anna Kuo, Tokunbor Lawal, Jeffrey Elliott, Irene Chrismer, Monique Shelton, Carolyn Allen, NINR, Bethesda, MD, USA

11:00 AM Examining The Effect Of The Serotonin Transporter Gene Polymorphism 5-HTTLPR On Depressive Symptoms In Postmenopausal Women For One Year After Initial Treatment

Susan Wesmiller, Yvette Conley, Justine Wang, Susan Sereika, Catherine Bender, University of Pittsburgh, Pittsburgh, PA, USA

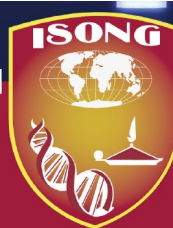


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Posters

1

The Genomic Olympics: Building Nursing Student Competency and Agency about Genetic Content Using a Semester-Long GameNicole Osier, University of Texas at Austin School of Nursing, Austin, TX, USA, University of Texas at Austin Department of Neurology, Austin, TX, USA

2

Method to the Madness: Advice for Setting up a Molecular-Genomics LaboratoryNicole Osier^{1,2}, Anna Osborne¹, Claire Sloté³, Sriram Pelapu⁴, Prazwal Athukuri⁴, Emily McGreevy⁵, Joshua Garcia⁵, ¹University of Texas at Austin School of Nursing, Austin, TX, USA, ²University of Texas at Austin Department of Neurology, Austin, TX, USA, ³University of Texas at Austin School of Nursing, Austin, TX, USA, ⁴University of Texas at Austin McCombs School of Business, Austin, TX, USA. ⁵University of Texas at Austin College of Natural Sciences, Austin, TX, USA

3

Unpuzzling Genetic Concepts with a PuzzleNicole Osier^{1,2}, Emily Hayes¹, Kaylee Schnurr¹, ¹University of Texas at Austin School of Nursing, Austin, TX, USA, ²University of Texas at Austin Department of Neurology, Austin, TX, USA

4

Biomarkers Associated With Sleep And Fatigue Symptoms In Breast Cancer SurvivorsClaire Sloté¹, Nicole Osier¹, Ashley Henneghan², ¹University of Texas at Austin, Austin, TX, USA. ²MD Anderson, Houston, TX, USA

5

Addressing the Educational Needs of Future Nurses: Integration of the Concept of Genetics in a Newly Developed Concept-Based Nursing Curriculum, Valerie Clary-Muronda, Thomas Jefferson University, Philadelphia, PA, USA

6

Persistent Misconceptions About Mutations Among Graduate Nursing StudentsJane Garvin, Beverly Collins, Augusta University, Augusta, GA, USA

7

Evaluation of a Prenatal Genetic Nursing Education Program For Professional Nurses in South KoreaMyunghye Jun¹, Kyung Sook Choi², Gyeeyoung Shin³, ¹UW-Green Bay, Green Bay, WI, USA, ²Chun-Ang University, Seoul, Republic of Korea ³Shinhan University, Dongducheon, Republic of Korea

8

Genomic Education For Nurses And Midwives Down Under: The Australian ExperienceJane Maguire^{1,2}, Lynn Sinclair^{1,3}, Debra Palesy¹, Jacqueline Pich¹, Tracy Levett-Jones¹, Deborah Debono¹, Aileen Wyllie¹, Nicki Watts¹, Mona Saleh⁴, Cummins Alison¹, Leonie Kelly¹, Joel Zugai¹, ¹University of Technology Sydney, Sydney, Australia, ²Hunter Medical Research Institute, Priority Research Centre for Stroke and Brain Injury, Newcastle, Australia, ³New South Wales University, Sydney, Australia, ⁴Centre for Genetics Education, NSW Ministry of Health, Sydney, Australia

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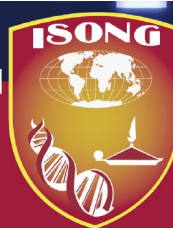
Methodological Approach to a Systematic Review of Placental DNA Methylation and Histone Modification Markers in PreeclampsiaAlexandra Nowak, Shannon Gillespie, Amy Mackos, Cindy Anderson, The Ohio State University, Columbus, OH, USA

10

Building Connections to Genomic Health: A Journey at a School of NursingBobbi Laing, Gigi Lim, University of Auckland, Auckland, New Zealand

11

It Takes a Village: Pharmacogenomic Implementation and Education in Clinical PracticeKelliann Fee-Schroeder, Jyothsna Giri, Darcy Richardson, Nichole Nicholas, Carolyn Rohrer Vitek, Mayo Clinic, Rochester, NY, USA


Posters (continued)

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“Why Am I Still In Pain?” Genomic Testing for Refractory Pain Management in Sickle Cell Disease

Lori Vick¹, Maryellen Potts², ¹Bradley University, Peoria, USA. ²Mercer University, Atlanta, GA, USA

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Supporting Genetics And Genomics In Nurse Education

Lori Borchers, Glenda Daniels, Lynnette Howington, Dennis Cheek, Lisa Bashore, Texas Christian University, Fort Worth, TX, USA

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The Birth of Certified Nurse Specialists in Genetics Nursing in Japan and the Tasks Ahead

Hiroko Susaka^{1,2}, Naoko Arimori³, Sachiko Mitarai⁴, Megumi Okawa⁵, Nanae Kamogawa⁶, Naoko Harada⁶, ¹Teikyo Heisei University, Department of Nursing, Tokyo, Japan, ²Teikyo University Hospital, Tokyo, Japan, ³School of Health Sciences Faculty of Medicine Niigata University, Niigata, Japan. ⁴NTT Medical Center Tokyo, Department of Nursing, Tokyo, Japan, ⁵St. Luke's International Hospital, Nursing Departments, Tokyo, Japan, ⁶Tokai University Hospital, Department of Nursing, Kanagawa, Japan

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No Insurance, Limited Income, Resides in a Rural Community, and Needs Genomic Services: A Case Study

Tina Mladenka, Southeastern Idaho Public Health, Pocatello, ID, USA

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Developing A Pre-Appointment Video To Prepare New Families For Genetics Clinic Visit

Andrea Hartgraves, Tammy Fairbanks, Seattle Children's Hospital, Seattle, WA, USA

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Pre-emptive Pharmacogenetics (PGx) Testing for Adult Noncancer Chronic Pain

Karin Fredrikson, Clemson University, Clemson, SC, USA

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Spanish Translation of the Public Understanding of Genetics and Genomics Questionnaire

Kim Subasic¹, Rebecca Kronk², Maria Vital¹, Andrea Mantione¹, ¹University of Scranton, Scranton, PA, USA, ²Duquesne University, Pittsburgh, PA, USA

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Adult Trisomy 18 – A Case Report of a Rare Genetic Condition

Delwin Jacoby, Miriam Bunch, University of Kentucky, Lexington, KY, USA

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Xeroderma Pigmentosum XPC Founder Mutation In The Dominican Republic

Deborah Tamura, Sikandar Khan, Randal Grant, John DiGiovanna, Kenneth Kraemer, NIH/NCI/CCR/LCBG, Bethesda, MD, USA

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A Case Study On Isobutyryl-CoA Dehydrogenase Deficiency (IBDD) Diagnosed Based On A Newborn Screening Report Suggestive Of Short Chain Acyl CoA Dehydrogenase Deficiency

Lorrien Ragin-Dames, University of Miami Department of Human Genetics, Miami, USA

22

The Experiences of Individuals Living In A Family At-Risk For A Genetically Linked Condition and Have Made the Decision to Decline Predictive Genetic Testing in Newfoundland and Labrador (NL), Canada

April Manuel¹, Sandra MacDonald¹, Kathy Hodgkinson², Bridget Fernandez², ¹Memorial University of Newfoundland School of Nursing, St. Johns, Canada, ²Memorial University of Newfoundland Faculty of Medicine, St. Johns, Canada


Posters (continued)

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Transcriptomic Profile of the Lateral Hypothalamus in the Development of Painful Chemotherapy-induced Peripheral Neuropathy Before and After Cisplatin Treatment in Mice

Monica Wagner¹, Karen Wickersham², Cameron Lassiter², Ellen Smith¹, Janean Holden¹, Susan Dorsey², ¹University of Michigan, Ann Arbor, MI, USA, ²University of Maryland, Baltimore, MD, USA

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Building Public Connections To Biobanking For Genetic Research

Jennifer Sanner, Angela Baker Wimberly, Joan Engebretson, The University of Texas Health Science Center at Houston Cizik School of Nursing, Houston, TX, USA

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The Relationship Of Vitamin D Status To Deletions In Exonic And Intronic Regions Of BRCA Mutation Carriers With Cancer

Phyllis Everett¹, Rebekah Betar^{3,1}Sapient Health Services, PLLC, Evington, VA, USA, ³Liberty University, Lynchburg, VA, USA

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The Clinical Application of Pharmacogenomic Testing in Mental Health Medication Treatment

Michelle White, Danielle Walker, Lynnette Howington, Dennis Cheek, Texas Christian University, Fort Worth, TX, USA

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Assessment Of Genomics In Clinical Nursing Practice

Elizabeth Hassen, Julie Eggert, Rosanne Pruitt, Mary Beth Steck, Clemson University, Clemson, SC, USA

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Effects of Gene Variants on Stability of MLH1, MSH2 & MSH6 Proteins in Breast Cancer

Bohua Wu, Emil Alexov, Veronica Parker, Julie Eggert, Clemson University, Clemson, SC, USA

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Methodologic Considerations For The Design And Analysis Of Genome-wide Methylation Studies: Lessons Learned From A Pilot Study Of Mom/Baby Dyads

Mandy Schmella, Yunqi Li, Qianqian Liang, Daniel Weeks, Yvette Conley, University of Pittsburgh, Pittsburgh, PA, USA

31

Relationships Among *ESR1* Polymorphisms, Symptoms, And Anastrozole Adherence In Postmenopausal Women With Early Stage Breast Cancer

Maura K. McCall, Catherine M. Bender, Yvette P. Conley, Susan M. Sereika, University of Pittsburgh, Pittsburgh, PA, USA

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Unlocking the Brain-Cardiovascular-Gut Connection: Do Blood Pressure And Microbiota Changes Occur In Sleep-Disrupted Rats?

Katherine Durham-Maki, Sara Mithani, Anne Fink, University of Illinois at Chicago, Chicago, IL, USA

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Talking About Autosomal Dominant Polycystic Kidney (ADPKD) To Partner Or Children In Patients With ADPKD: Cross-Sectional Study

Masakazu Nishigaki¹, Yumi Nishimura², Hiroki Maeda³, Mitsuko Mizoguchi⁴, Yukio Yamachi⁵, Eiko Hodouchi⁶, Chikako Matsumoto⁶, Marina Miyagawa¹, Satoru Muto⁷, Toshio Mochizuki⁸, ¹Kyoto University, Kyoto, Japan. ²Tokyo Metropolitan University, Tokyo, Japan, ³Tokai University, Hiratsuka, Japan, ⁴Ichinomiya Kenshin College, Ichinomiya, Japan, ⁵PKD-no-kai (former), Tokyo, Japan, ⁶PKDFCJ, Tokyo, Japan, ⁷Juntendo University, Tokyo, Japan, ⁸Tokyo Women's Medical University, Tokyo, Japan





BUILDING CONNECTIONS to Genomic Health

October 26-28, 2018
Orlando, Florida USA

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Process Evaluation Of The Educational Program Targeted For Nurses Supporting The Patients With Suspected Hereditary Cancer

Miho Kakuta¹, Keiko Tsuji², Reiko Yokomakura¹, Mitsue Simizu¹, Yukiko Osanai¹, Kazumi Takahashi³, Michiko Mizoguchi⁴, Syunichiro Izumi³, Kiwamu Akagi¹, ¹Saitama Cancer Center, Saitama, Japan, ²Keio University, Kanagawa, Japan. ³Tokai University, Kanagawa, Japan, ⁴Ichinomiya Kenshin College of Nursing, Aichi, Japan

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Synchronous Hepatoblastoma and Adrenocortical Neoplasm Detected during Beckwith-Wiedemann Syndrome Surveillance in an Infant: A Case Report

Stacy Hines-Dowell, Regina Nuccio, Leslie Taylor, Rose McGee, Emily Quinn, Kayla Hamilton, Chimene Kesserwan, Beth McCarville, Alberto Pappo, Kim Nichols, St. Jude, Memphis, TN, USA


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Integration of Genetics and Genomics Elements in a Graduate Nurse Practitioner Program: A Curriculum Quality Improvement Project

Kara Morgan, University of South Florida, Tampa, FL, USA



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