

# Nursing Home Research International Working Group

PRELIMINARY PROGRAM • FRIDAY 13 OCTOBER 2017

8:00am /2:00 pm

## PRECONFERENCE:

*Visit to NHC Maryland Heights Nursing Home  
(limit 40 persons) - Cost \$10 to cover transport and lunch*



3:00 pm

## CONFERENCE OPENING

*Chaired by John Morley, Saint Louis, (USA)*

3:00/3:30 pm

## ORAL COMMUNICATIONS

3:00 pm

### **OC1: Reducing Antibiotic Prescribing in Nursing Homes: Implementation of an Efficacious Antibiotic Stewardship Program**

*Sheryl Zimmerman, University of North Carolina at Chapel Hill (USA)*

3:15 pm

### **OC2: The Effectiveness of a Pressure Ulcer Prevention Programme for Older People in for-profit Private Nursing Homes: A Two-arm Cluster Randomized Controlled Trial**

*Enid Kwong School of Nursing, Tung Wah College ( Hong Kong) - Paul H Lee, PhD 2, Rick YC Kwan, PhD 3, KM Yeung MD 4, Susan SM Law, MSc 5 (2) (3) School of Nursing, the Hong Kong Polytechnic University (4) (5) Princess Margaret Hospital, (Hong Kong)*

3:30/4:00 pm

## **Keynote 1: Sensor technology for early illness recognition and fall detection**

*Marilyn Rantz, Columbia, (USA)*

4:00/4:30 pm

## **Keynote 2: Nursing Home Care Requires a Multidisciplinary Approach: The Dutch Approach**

*Jos Schols, Maastricht, (The Netherlands)*

4:30/5:30 pm

## ORAL COMMUNICATIONS

4:30 pm

### **OC3: Potentially preventable hospitalizations from nursing homes to acute care hospital's a retrospective analysis of 2013 Swiss national data**

*Franziska Zuniga PhD, RN1, Michael Simon, PhD, RN1,2 (1) Institute of Nursing Science, Department Public Health, University of Basel, (Switzerland) (2) Nursing Research Unit, Inselspital University Hospital Bern, (Switzerland)*

4:45 pm

### **OC4: Reductions in Hospitalizations and Emergency Department (ED)Visits from Nursing Homes (NHs) Associated with Degree of Implementation of the INTERACT Program**

*B Reyes Florida Atlantic University, Charles E. Schmidt College of Medicine Weston Florida (USA) - Peter Huckfeldt, PhD1 Bernardo Reyes, MD2 Robert L. Kane, MD1 (deceased) Ruth Tappen, EdD, RN3 Gabriella Engstrom, PhD, RN2 Carolina Rojido, MD2 David Newman, PhD2 Zhiyou Yang, BS1 Joseph G. Ouslander, MD2,3 (1) University of Minnesota School of Public Health (2) Florida Atlantic University, Charles E. Schmidt College of Medicine (3) Florida Atlantic University, Christine E. Lynn College of Nursing (USA)*

5:00 pm

### **OC5: The development and evaluation of a methodology for the routine measurement of quality of life in care homes**

*Laura Hughes MSc, Nicolas Farina, PhD, Naji Tabet, MD & Prof Sube Banerjee, Centre for Dementia Studies, Brighton and Sussex Medical School, (UK)*

5:15 pm

### **OC6: Special challenge - educating nursing home residents: systematic literature review and recommendations for practice**

*Daniela Schoberer, PhD1 - (1) Institute of Nursing Science, Medical University of Graz, Graz, (Austria) - Co-Authors & affiliations: Helena Leino-Kilpi, PhD2, Helga E. Breimaier, PhD1, Ruud JG Halfens, PhD3, Christa Lohrmann, PhD1 (2) Turku University Hospital, University of Turku, Turku, (Finland). (3) Department of Health Services Research, School for Public Health and Primary Care (CAPHRI), Maastricht University, Maastricht, (the Netherlands)*

5:30 /7:00 pm

## COCKTAIL PARTY AND POSTERS



8:00/8:30 am	<p><b>Keynote 3: MDS 2.0 and European Nursing Homes</b>  <i>Roberto Bernabei, Roma (Italy)</i></p>
8:30/9:00 am	<p><b>Keynote 4: Innovative Nursing Home Care in Hong Kong</b>  <i>T.Y. Lum, (Hong Kong)</i></p>
9:00/10:00 am	<p><b>SYMPOSIUM 1: Programs Designed to Reduce Potentially Avoidable Hospitalizations from Skilled Nursing Facilities: Outcomes and Lessons Learned</b>  <i>Chaired by Joseph G. Ouslander, M.D., Florida Atlantic University, Boca Raton, FL (USA)</i></p> <ul style="list-style-type: none"> <li>• <b>Optimizing Patient Transfers, Impacting Medical Quality, and Improving Symptoms: Transforming Institutional Care: The OPTIMISTIC Program</b>  <i>Kathleen Unroe, MD, MHA, Indiana University (USA)</i></li> <li>• <b>The Missouri Quality Initiative for Nursing Homes (MOQI)</b>  <i>Marilyn Rantz, PhD, RN, FAAN, University of Missouri, Columbia (USA)</i></li> <li>• <b>Reduce Avoidable Hospitalizations Using Evidence-Based Intervention in Nursing Facilities: The RAVEN Program</b>  <i>Steven Handler, MD, PhD, CMD, University of Pittsburgh, Pittsburgh, Pennsylvania (USA)</i></li> </ul>
10:00/10:30am	<p><b>COFFEE BREAK AND POSTERS</b></p>
10:30/11:30 am	<p><b>SYMPOSIUM 2: The Missouri Quality Initiative for Nursing Homes (MOQI) Reduces Unnecessary Hospitalizations</b>  <i>Chaired by Marilyn Rantz, PhD, RN, FAAN, University of Missouri, Columbia (USA)</i></p> <ul style="list-style-type: none"> <li>• <b>Key roles of Medical Professionals and Support Staff in the Reduction of Avoidable Hospitalizations in Nursing Facilities</b>  <i>Charles Crecelius, MD, PHD, CMD, Medical Director of the MOQI project(USA)</i></li> <li>• <b>Description of Interventions to Reduce Avoidable Hospitalizations in Nursing Facilities</b>  <i>Colleen Galambos, PhD, University of Missouri, Columbia(USA)</i></li> <li>• <b>Keys to Success and Outcomes of Reducing Avoidable Hospitalization in Nursing Facilities</b>  <i>Cathy M. Murray, EdD, MBA, BISM, RN, NHA (USA)</i></li> </ul>
11:30/12:00 am 11:30 am	<p><b>ORAL COMMUNICATIONS</b></p> <p><b>OC7: A Statewide Survey of Use of the Indiana Physician Orders for Scope of Treatment in Nursing Homes</b>  <i>Susan E. Hickman 1, Alexia M. Torke 2, Rebecca Sudore 3, Greg A. Sachs 2, Qing Tang 4, Giorgos Bakoyannis 4, Bernard J. Hammes 5 (1) Indiana University School of Nursing, Department of Community &amp; Health Systems, Indianapolis, Indiana, USA (2) Indiana University School of Medicine, Department of General Internal Medicine &amp; Geriatrics, Indianapolis, Indiana, USA (3) University of California San Francisco School of Medicine, San Francisco, California, USA (4) Indiana University School of Medicine, Department of Biostatistics, Indianapolis, Indiana, USA (5) Respecting Choices, A Division of C-TAC Innovations, La Crosse, Wisconsin, (USA)</i></p>
11:45 am	<p><b>OC8: Identifying facilitators and barriers to implementing a policy to counter the mistreatment of residents in long-term care facilities: Survey of multiple stakeholders in Quebec (Canada)</b>  <i>Mélanie Couture PhD1, Sarita Israël PSW1, Martin Sasseville, M.A.2(1) Centre for Research and Expertise in Social Gerontology , CIUSSS West Central Montreal(2) Centre de recherche Hôpital Charles-Le Moyne, Longueuil, QC, (Canada)</i></p>
12:00/1:00 pm	<p><b>LUNCH AND POSTERS</b></p>
1:00/1:30 pm	<p><b>Keynote 5: Cognitive Stimulation Therapy</b>  <i>Lauren Yates, Nottingham (UK)</i></p>
1:30/2:00 pm	<p><b>Keynote 6: Nursing Home Research: The French Experience</b>  <i>Yves Rolland, Toulouse (France)</i></p>
2:00/3:00 pm	<p><b>SYMPOSIUM 3: Improving quality of long-term care in nursing homes by embedding scientific research in everyday practice: The living lab of ageing and long-term care</b>  <i>Chaired by Jos MGA Schols MD, PhD Maastricht University, Care and Public Health Research Institute (CAPHRI), Faculty of Health, Medicine and Life Sciences, Department of Family Medicine and Department of Health Services Research, Living Lab on Ageing and Long-Term Care, Maastricht, (The Netherlands)</i></p> <ul style="list-style-type: none"> <li>• <b>Overview of innovations in institutionalised long-term care: a descriptive cross-sectional study</b>  <i>Michel HC Bleijlevens PhD Maastricht University, Care and Public Health Research Institute (CAPHRI), Faculty of Health, Medicine and Life Sciences, Department of Health Services Research, Living Lab on Ageing and Long-Term Care, Maastricht, (The Netherlands)</i></li> <li>• <b>Developing an intervention to improve communication in nursing home residents: a mixed methods study</b>  <i>Sandra MG Zwahlen PhD Maastricht University, Care and Public Health Research Institute (CAPHRI), Faculty of Health, Medicine and Life Sciences, Department of Health Services Research, Living Lab on Ageing and Long-Term Care, Maastricht, (The Netherlands)</i></li> <li>• <b>The influence of informal caregiving on caregivers' burden and quality of life: a cross-sectional study</b>  <i>Silke F Metzethin PhD Maastricht University, Care and Public Health Research Institute (CAPHRI), Faculty of Health, Medicine and Life Sciences, Department of Health Services Research, Living Lab on Ageing and Long-Term Care, Maastricht, (The Netherlands)</i></li> </ul>
3:00/3:30 pm	<p><b>COFFEE BREAK AND POSTERS</b></p>

### BALLROOM 1

3:30/4:30 pm

#### **SYMPOSIUM 4: Neuropsychiatric symptoms (NPS) in nursing homes, and the effect of case conferences on NPS**

Chaired by *Sverre Bergh PhD, Research leader, Center for old age psychiatry research, Innlandet Hospital trust, (Norway)*

• **The course of anxiety and anxiety symptoms, and the correlates of change in anxiety symptoms in persons with dementia in nursing homes: a follow-up study**

*Alka R. Goyal (1, 2, 3) - (1) Centre of Old Age Psychiatry Research, Innlandet Hospital Trust, Ottestad- (2) Norwegian National Advisory Unit on Aging and Health, Vestfold Hospital Trust - (3) Department of Nursing Science, Institute of Health and Society, University of Oslo, (Norway)*

• **Targeted Interdisciplinary Model for Evaluation and Treatment of Neuropsychiatric Symptom's a cluster randomised controlled trial**

*Bjorn Lichtwarck (1, 2) - (1) Centre for Old Age Psychiatric Research, Innlandet Hospital Trust, Ottestad, Norway (2) Institute of Health and Society, Faculty of Medicine, University of Oslo, Norway (3) Norwegian National Advisory Unit on Ageing and Health, Tansberg (Norway)*

• **Effects of a dementia-specific case conference concept on residents' challenging behavior and quality of life- a stepped wedged cluster RCT**

*Dr. Daniela Holle (1, 2) - (1) German Center for Neurodegenerative Diseases, Witten, Germany (2) University of Witten/Herdecke, Faculty of Health, Witten, (Germany)*

4:30/5:30 pm

#### **LATE BREAKING NEWS**

### BALLROOM 2

3:30/4:30 pm

#### **SYMPOSIUM 5: Non-Pharmacologic Interventions for Persons with Dementia in Residential Care: Strategies for Making A Difference**

Chaired by *Marla Berg-Weger, Ph.D., LCSW, Saint Louis University School of Social Work, St. Louis, MO (USA)*

• **Non-Pharmacologic Interventions in Residential Settings**

*Marla Berg-Weger, Ph.D., LCSW, Saint Louis University, School of Social Work, St. Louis, MO (USA)*

• **Cognitive Stimulation Therapy: Historical Perspective and Guiding Principles**

*Julia Henderson-Kalb MS OTR/L Instructor. Department of Occupational Science and Occupational Therapy St. Louis University St. Louis, MO (USA)*

• **Cognitive Stimulation Therapy: Strategies for Implementation**

*Janice Lundy, MA, MHA, BSW, Perry County Memorial Hospital, Perryville, MO (USA)*

4:30/5:30 pm

#### **SYMPOSIUM 6: Improving resident and patient outcomes through interprofessional clinical programs**

Chaired by *Milta Oyola Little DO, CMD. Saint Louis University Division of Geriatric Medicine (USA)*

• **Residence-based Advanced Illness Management: Consultation team offering aggressive medical management for chronic life-limiting illness and multimorbidities at home regardless of 6-month prognostic status**

*Mary E Fox MD, Chief Medical Officer Visiting Nurse Association of Greater St. Louis and Clinical Director Advanced Illness (USA)*

• **Feasibility and outcomes of applying the Medicare Annual Wellness Visits to the Nursing Home resident population**

*Patricia Abele RN, FNP Saint Louis University Division of Geriatric Medicine (USA)*

• **Reducing inappropriate prescribing in the post-acute and long term care setting through an interprofessional team-based program**

*Milta Oyola Little DO, CMD. Saint Louis University Division of Geriatric Medicine (USA)*

7:00 pm

#### **DINNER CRUISE ON MISSISSIPPI IN PADDLEBOAT (Cost \$60)**



# Nursing Home Research International Working Group

PRELIMINARY PROGRAM • SUNDAY 15 OCTOBER 2017

- 8:00/8:30 am **Keynote 7: Changing a Nation: The Lien Foundation**  
*Christopher Lein, (Singapore)*
- 8:30/9:00 am **Keynote 8: Dissemination and Research in Long Term Care**  
*Barbara Resnick, Baltimore(USA)*
- 9:00/10:00 am **SYMPOSIUM 7: Physical activity in nursing homes: the relevance, barriers from different perspectives and possible solutions**  
*Chaired by S.M.G. Zwakhalen Maastricht University, CAPHRI Care and Public Health Research Institute, Department of Health Services Research, Living Lab on Ageing and Long--Term Care, Maastricht, (the Netherlands)*
- **Activities of People with Dementia Living in Nursing Homes and Associations with Quality of Life.**  
*B. de Boer Maastricht University, CAPHRI Care and Public Health Research Institute, Department of Health Services Research, Living Lab on Ageing and Long--Term Care, Maastricht, (The Netherlands)*
  - **Barriers and Motivators to Organize Physical Activity in Nursing Homes for Older Persons**  
*Ivan Bautmans Frailty in Ageing research department, Vrije Universiteit Brussel, Brussels, (Belgium)*
  - **A Feasibility Study of a Nursing Intervention to Encourage Nursing Home**  
*M. den Ouden Maastricht University, CAPHRI Care and Public Health Research Institute, Department of Health Services Research, Living Lab on Ageing and Long--Term Care, Maastricht, (the Netherlands)*
- 10:00/10:30am **COFFEE BREAK AND POSTERS**
- 10:30/11:30 am **SYMPOSIUM 8: Challenges in pain management in nursing home residents**  
*Chaired by Michel H.C. Bleijlevens PhD Department of Health Services Research, CAPRHI School for Public Health and Primary Care, Maastricht University, Maastricht, (The Netherlands)*
- **Identification of barriers and facilitators of pain management in Swiss nursing homes: an explanatory mixed-methods study**  
*Thekla Brunkert MA1, Michael Simon, PhD, RN1,2, Franziska Zuniga PhD, RN1, (1) Institute of Nursing Science, Department Public Health, University of Basel,(Switzerland) (2) Nursing Research Unit, Inselspital University Hospital Bern, (Switzerland)*
  - **Is pain treated differently in nursing home residents?**  
*Sandra M.G. Zwakhalen RN, PhD Department of Health Services Research, CAPRHI School for Public Health and Primary Care, Maastricht University,Maastricht, (The Netherlands)*
- 11:30/12:30am **THE NURSING HOME OF THE FUTURE:**
- 11:30/11:50 am **Keynote 9: Post-Acute Care**  
*Heidi White, Durham (USA)*
- 11:50/12:10 am **Keynote 10: The Futures Program**  
*Cari Levy, Aurora (USA)*
- 12:10/12:30 am **Keynote 11: Long-Term Care**  
*John Morley, Saint Louis (USA)*



**P1: Improvement engagement in nursing homes : an action research study**

*Francis Etheridge PhD(c.)1, Yves Couturier, PhD1, François Aubry, PhD2, & Jean-Louis Denis, PhD3 - (1) Research Centre on Aging, Université de Sherbrooke, Sherbrooke, Canada - (2) Department of Social Work, Université du Québec en Outaouais, Gatineau, Canada - (3) School of Public Health, Université de Montréal, Montréal, (Canada)*

**P2: Staff training for bpsd management in nursing home**

*A. Fabbo, A.USL Modena (Public Health Agency of Modena) (Italy) - Barbara Manni, Cecilia Lasagni\*, Maria Squillante, Patrizia Zucchi, Andrea Fabbo Dementia programme, primary care department, a.usl Modena; \* municipality of Modena, Modena, (Italy)*

**P3: Staff training program for managing of delirium in Nursing Home**

*R. De Gesu, A.USL Modena (Public Health Agency of Modena) (Italy) - Barbara Manni, Giuseppe Morrone, Elisa Patacini, Patrizia Zucchi, Andrea Fabbo Dementia programme, primary care department, a.usl Modena; \* municipality of Modena, Modena, (Italy)*

**P4: The establishment of a Wound Care Expertise Centre in the Netherlands: A pilot project from a nursing home**

*J Neyens Maastricht University Department of Health Services Research Caphri School for Public Health, Maastricht (Netherlands)*

**P5: Influencing Food Intake for Nursing Home Residents with Dementia: Resident Characteristics, Staff Mealtime Assistance and Environmental Stimulation**

*Wen Liu PhD, RN, Assistant Professor; Ying-Ling Jao2, PhD, RN, Assistant Professor; Kristine Williams3, PhD, RN, FGSA, FAAN, Professor. (1) The University of Iowa College of Nursing, Iowa city, IA, USA (2) Pennsylvania State University College of Nursing, State College, PA, USA (3) University of Kansas, School of Nursing, Kansas City, KS, (USA)*

**P6: Optimizing Eating Performance among cognitively impaired Nursing Home Residents: Intra-personal, Inter-personal and Environmental Facilitators and Barriers from Certified Nursing Assistant's perspective**

*Wen Liu1 PhD, RN, Assistant Professor; Toni Tripp-Reimer1, PhD, RN, FAAN, Professor; Kristine Williams2, PhD, RN, FGSA, FAAN, Professor. (1) The University of Iowa College of Nursing, Iowa city, IA, (USA) (2) University of Kansas, School of Nursing, Kansas City, KS, (USA)*

**P7: The nitrate-nitrite-nitric oxide pathway in intubated patients or with dysphagia**

*G van der Putten Amaris Gooizicht and Radboudumc Hilversum (Netherlands)*

**P8: The PREvention Program for Alzheimer's RELATED Delirium (PREPARED) Trial: A Cluster Randomized Trial Targeting Delirium Prevention in Long-Term Care Residents with Dementia**

*Machelle Wilchesky PhD1, Department of Family Medicine and Division of Geriatric Medicine, McGill University, Montreal, (Canada) Jane McCusker, PhD2, Nathalie Champoux, MD, MSc3, T.T. Minh Vu, MD, FRCPC4, Antonio Ciampi, PHD2, Johanne Monette, MD, MSc5, Ovidiu Lungu, PhD6, Stephanie A. Ballard, MSc7, Eric Belzile, MSc2, Philippe Voyer, inf.PHD8 (2) St. Marya Research Centre, Montreal, Canada (3) Institut universitaire de gériatrie de Montréal, Montreal, Canada (4) Service de gériatrie, Centre hospitalier de l'université de Montréal, Montreal, Canada (5) Division of Geriatric Medicine, Jewish General Hospital, Montreal, Canada (6) Département de psychiatrie, Université de Montréal, Montreal, Quebec (7) Center for Research in Aging, Donald Berman Maimonides Geriatric Centre, Montreal, Canada*

**P9: How does Social Service Staffing affect Family Satisfaction?**

*A Roberts Miami University and Scripps Gerontology Research Center Oxford Ohio (USA) - Amy Restorick Roberts, PhD, MSSA, LSW, Family Science and Social Work, Miami University and Scripps Gerontology Center Research Fellow, Oxford, Ohio, (USA) John R. Bowlblis, PhD, Economics, Miami University and Scripps Gerontology Center Research Fellow, Oxford, Ohio (USA)*

**P10: A study to review infection control policy and care practices to enhance the quality of residential care: a mixed-method design**

*Rainbow Lee School of Nursing, The Hong Kong Polytechnic University ( Hong Kong)*

**P11: Implementing a biopsychosocial approach (TIME) to prevent and treat neuropsychiatric symptoms in nursing home residents - a qualitative study**

*B Lichtwarck Centre for Old Age Psychiatric Research, Innlandet Hospital Trust, Ottestad, (Norway)*

**P12: Strengths and Limitations of Applying Prospect Theory to Surrogate Decision-Making in the Nursing Home Setting: A Qualitative Analyses**

*M Bern-Klug University of Iowa School of Social Work Iowa City IA (USA)*

**P13: Sharing treasures: a qualitative study of how managers mobilise knowledge and implement evidence-informed changes in care homes**

*Jo Day PhD1, Iain Lang, PhD1 (1) NIHR Collaboration for Leadership in Applied Health Research and Care South West Peninsula, University of Exeter Medical School, Exeter, (UK)*

**P14: The Development of International Medical Provider- Centric Quality Indicators for Post-Acute and Long Term Care: Implications for practice, policy and research**

*Allison Moser Mays Cedars-Sinai Medical Foundation - Los Angeles CA (USA)*

**P15: Organizational and environmental factors associated with transfers of nursing home residents to emergency department**

*Xavier Dubucs MD - G erontop le de Toulouse, Institut on Aging, Toulouse University Hospital (CHU Toulouse), Toulouse, France. - Philippe de Souto Barreto, PhD, G erontop le de Toulouse, Institut on Aging, Toulouse University Hospital (CHU Toulouse), Toulouse, France - UMR INSERM 1027, University of Toulouse III, Toulouse, France - Yves Rolland, MD, PhD - G erontop le de Toulouse, Institut on Aging, Toulouse University Hospital (CHU Toulouse), Toulouse, France - UMR INSERM 1027, University of Toulouse III, Toulouse, (France)*

**P16: Older adult and family member perceptions of living with intelligent sensors: qualitative results from a prospective intervention study**  
*Marilyn Rantz PhD RN, FAAN(1), Colleen Galambos, PhD, ACSW, LCSW, LCSW-C(2), Andrew Craver, MS, MPH(1), Marie - Bongiorno, MSW(2), Michael Pelts, PhD, MSW(3), Jun Sim Jung, PhD, MSW(4) - (1) Sinclair School of Nursing, University of Missouri, Columbia, Missouri - (2) School of Social Work, University of Missouri, Columbia, Missouri (3) School of Social Work, The University of Southern Mississippi, Hattiesburg, Mississippi - (4) Wichita State University, Wichita, Kansas (USA)*

**P17: The feasibility of routinely measuring quality of life in care homes**  
*Laura Hughes MSc, Stephanie Daley, PhD, Nicolas Farina, PhD, Naji Tabet, MD & Prof Sube Banerjee, Centre for Dementia Studies, Brighton and Sussex Medical School, (England)*

**P18: Preliminary Validation of the Toulouse-Saint Louis University Mini Falls Assessment**  
*John E. Rouck BS-Saint Louis University School of Medicine, St. Louis, MO - Theodore K. Malmstrom, PhD-Department of Psychiatry and Behavioral Neuroscience and Division of Geriatric Medicine, - Saint Louis University School of Medicine, St. Louis, MO - John E. Morley, MB, BCh-Division of Geriatric Medicine, Saint Louis University School of Medicine, St. Louis, MO (USA)*

**P19: Does inpatient palliative consultation help reduce re-hospitalization among COPD patients?: a retrospective chart review**  
*Michelle R. Craddock Medical School, SLU SOM - Miriam Rodin, MD, Ph.D., CMD, Department of Medicine, Division of Geriatrics, SLU SOM - Theodore K. Malmstrom, Ph.D., Department of Neurology and Psychiatry, SLU SOM - David Stoeckel, MD, Department of Medicine, Division of Pulmonary Medicine and Critical Care, SLU SOM (USA)*

**P20: Comparing the BREATH with the CAT questionnaires for COPD: A prospective validation study**  
*Ellen Kim, Kevin Huynh, BS1, Edward Charbek, MD1, Ravi P. Nayak, MD1, Theodore Malmstrom, PhD1, Setu Patolia, MD1, MPH, John E. Morley, MBBCh1, Joseph H. Flaherty, MD1 (1) Saint Louis University, St. Louis, MO, (USA)*

**P21: iPad-Based Cognitive-Communicative Intervention for a Resident with Moderate Dementia in a Special Care Unit: An Exploratory Investigation**  
*Whitney Anne Postman, Ph.D./CCC-SLP Department of Communication Sciences & Disorders, Doisy College of Health Sciences, Saint Louis University, St. Louis, MO (USA)*

**P22: Evaluation of Quality of Life of Nursing Home Residents through Visualization of Sleeping Situation**  
*Hisayuki Shimoyama, DOHO University, (Japan)*

**P23: Stakeholder Perceptions of Nursing Home Culture and Implications for Care: An Exploratory Cross Sectional Study**  
*Nancy Kusmaul, PhD, LMSW (1) - (1)University of Maryland Baltimore County (USA)*

**P24: Shaping the Workforce of the Future in Long-Term Care through Broad-Based Stakeholder Engagement Designed to Inform Strategies to Strengthen Positive Outcomes for Older Oklahomans and Their Families**  
*Alisa West Cahill, LSW-Adm - Lead Organizer and Researcher for the Knee Center Positive Aging Initiative - Knee Center for Strong Families - Anne and Henry Zarrow School of Social Work - University of Oklahoma (USA)*

**P25: Clinical Components are Key to Effectively Reducing Acute Care Transfers from Nursing Homes - Results from a Meta-Analysis**  
*Machelle Wilchesky, PhD Department of Family Medicine, McGill University, Montreal Canada; Deniz Cetin-Sahin, MD, MSc, Donald Berman Maimonides Centre for Research in Aging, Montreal, Canada; Ovidiu Lungu, PhD, Department of Psychiatry, Université de Montréal, Montréal, Canada; Genevieve Gore, MLIS, Schulich Library of Science and Engineering, McGill University, Montreal, Canada - Brian Gore, MD, CCFP, Dip Epid, Donald Berman Maimonides Geriatric Centre, Montreal, Canada; Matteo Peretti, MSc(c), Donald Berman Maimonides Centre for Research in Aging, Montreal, Canada; - Philippe Voyer, PhD, Faculté des Sciences Infirmières, Université Laval, Québec, (Canada)*

**P26: Pharmacological vs. non-pharmacological management strategies for nursing home resident neuropsychiatric symptoms: The role of staff preferences, perceived effectiveness and social attributions**  
*Machelle Wilchesky, PhD, Department of Family Medicine, McGill University, Montreal, Canada; Marie-André Bruneau, MD, MSc, FRCPC, Centre de recherche de l'Institut universitaire de gériatrie de Montréal, Montréal, Canada; Philippe Voyer, PhD, Faculté des Sciences Infirmières, Université Laval, Québec, Canada; Philippe Landreville, PhD, Ecole de Psychologie, Université Laval, Québec, Canada Matteo Peretti, MSc(c), Donald Berman Maimonides Centre for Research in Aging, Montreal, Canada; Ovidiu Lungu, PhD, Department of Psychiatry, Université de Montréal, Montreal, (Canada)*

**P27: Snoezelen Therapy as an Intervention to Reduce Agitations in Nursing Home Patients with Dementia: A Pilot Study**  
*Theodore K. Malmstrom PhD (1,3), Scott Berkheimer, BS (1), Qian Chen, PhD (2), John E. Morley, MD (1) - 1 Department of Internal Medicine, Division of Geriatric Medicine, Saint Louis University, St. Louis, MO USA - 2 The Center of Gerontology and Geriatrics, West China Hospital, Sichuan University, Chengdu, Sichuan, China - 3 Department of Psychiatry and Behavioral Neuroscience, Saint Louis University, St. Louis, MO (USA)*

**P28: Screening for vitamin D deficiency in black Americans**  
*Alexis McKee MD1, Sandra M. Lima Ribeiro, PhD,2 John E. Morley, MB, BCh,3 Theodore K. Malmstrom, PhD,4 Horace M. Perry III, MD,3,5 Douglas K. Miller, MD,6 Susan S. Farr, PhD,7 Michael L. Niehoff, PhD,8 Stewart Albert, MD1 - (1) Saint Louis University (USA)*

**P29: The role of admissions assessment in monitoring physical health and in recognising and responding to acute deterioration in the physical health of nursing home residents in the UK**  
*Jennifer Adams M Res. Professor Murna Downs, PhD. Dr. Alan Blighe, PhD. University of Bradford, West Yorkshire, (England)*