Welcome to the 32nd Annual American Pain Society Scientific Meeting!
May 8-11, 2013

Prepared by the APS Pain and Disparities Special Interest Group

The Pain and Disparities Special Interest Group was established in 2003 at the 22nd Annual Scientific Meeting of the American Pain Society. The mission of this special interest group is to promote advocacy, education, policies, programs, and research in order to eliminate the unequal burden of pain among racial minorities and underserved populations and to optimize the quality of life for all persons with pain.

SIG ACTIVITIES

Pain and Disparities Annual Meeting

*Wednesday May 8th 2:30-4:30 pm*

The SIG is interactive and includes discourse with seasoned researchers and experts in pain care disparities as well as presentations of current research by young investigators. The SIG offers a platform to generate new ideas and enables individuals to collaborate on projects. Please plan on joining us for an invigorating discussion and sharing of ideas.

The program this year will include

- Introduction of newly elected board members with a short presentation from each new board member on their research or practice area related to pain and disparities
- Acknowledgement of contributions of outgoing officers and advisory board members
- Recognition of Young Investigator (YI) with award, followed by a brief presentation of the YI's research
- Networking session

Pain and Disparities Annual Meet & Greet

*Friday May 10th 5:30-7:30 pm*

Each year the advisory board invites all interested to join us for happy hour or a light dinner. Take time out of the busy conference schedule to reconnect with friends or make new ones.

This year we will meet at Café Amelie, a New Orleans Courtyard Restaurant

**Address:** 912 Royal Street, New Orleans, LA 70116  
**Neighborhood:** French Quarter

Nestled in the historic 150-year-old Princess of Monaco Courtyard and Carriage House on Royal Street, Café Amelie is a rare combination of superb Louisiana fare served in a lush, enchanting New Orleans courtyard setting. Café Amelie is known for having one of the most beautiful and romantic courtyards in the French Quarter, where patrons can dine al fresco or inside the lovely air-conditioned dining rooms within the historic Carriage House. Café Amelie also has a full bar offering an array of signature cocktail creations. See the latest news & connect with Café Amelie via [http://www.cafeamelie.com/join-the-conversation.html](http://www.cafeamelie.com/join-the-conversation.html)
Pain and Disparities Exhibit Booth

*Wednesday May 8th – Friday May 10th*

Join us at the Pain and Disparities booth (Booth #529) in the Exhibition Hall. Take the time to network with officers and other SIG members. We will be at the booth during the following exhibit times:
- Wed: 4:30-6pm (Opening reception, exhibits and posters)
- Thurs 9:30-11am (author attended poster)
- Thurs 3:45-5:15 (break, exhibits, posters)
- Fri 8:45-10:15 (author attended poster)

Pain and Disparities Abstract Review

We gratefully acknowledge the contributions of Tami Hart-Johnson, MS; Salimah Meghani, PhD, MBE, RN, FAAN, Kris Robinson, PhD, RN, FNPbc, and Nomita Sonty, PhD, MPhil who reviewed and identified symposia and poster sessions with racial/ethnic pain disparities and at-risk/vulnerable population content.

Each abstract was carefully reviewed to determine whether or not it addressed a topic or population that focused on disparities or at-risk/vulnerable groups with regards to pain behaviors, assessment, or treatment. At-risk and vulnerable populations were defined in relation to race/ethnicity, gender, age, and lower socioeconomic position. The authors identified in this document have not requested that their information be included or necessarily have self-identified as focusing on racial/ethnic disparities or at-risk/vulnerable populations.

We apologize if we missed abstracts that focused specifically on disparities or at-risk and vulnerable populations. Every attempt was made to ensure that all abstracts with these foci were included.

Disparities-Related Plenary Sessions and Symposium

**Thursday, May 9th, 2013**

2:15-3:45 pm Symposia (307): Ethnic and Racial Disparities in Pain: Biobehavioral and Psychosocial Correlates
*Robert Edwards, PhD (Moderator); Burel Goodin, PhD; Claudia Campbell, PhD; Toni Glover, MSN FNP-BC*

**Friday, May 10th, 2013**

7:30-8:00 am Plenary Lecture (103): Pain and Aging: Translating Assessment Knowledge into Practice
*Keeva Herr, PhD RN AGSF FAAN*

10:30 am-noon Symposium (314): Pain, Stress, and Inflammation: Clinical Implications and Individual Differences
*Robert Edwards, PhD (Moderator); Joseph Riley, PhD; Jon Levine, MD PhD; Gary Slade, DDPH PhD BDSc*
Disparities-Related Posters

Thursday, May 9th and Friday, May 10th, 2013 (please check your program for exact date and time)

(124) Using a linguistic approach in pain medicine: advances in doctor-patient communication
L Bouchard; Runajambi-Institute for the Study of Quichua Culture and Health, Otavalo, Ecuador

(169) Predictors of pain expectation among adult outpatients with sickle cell disease
D Wilkie, M Ezenwa, M Suarez, Y Yao, Z Zhao, Z Wang, R Molokie; University of Illinois at Chicago, Chicago, IL

(178) Older adults' perceptions of pain medications
D Nelson, D Zelman; Alliant / CSPP – SF, San Francisco, CA

(196) Symptom control in underserved Chinese American cancer patients: a community-based quality improvement intervention
L Dhingra, K Lam, W Cheung, T Shao, Z Li, S Van De Maele, V Chang, J Chen, V Li, R Wong, H Ye, W Lam, S Chan, M Bookbinder, R Portenoy; Beth Israel Medical Center, New York, NY

(218) Symptoms, physical activity and pain sensitivity in chronic musculoskeletal pain: a comparison of veterans and civilians
S Van Riper, L Ellingson, A Stegner, D Cook; University of Wisconsin-Madison, Madison, WI

(222) Painful diabetic neuropathy - clinic communication gaps and opportunities
D Kalauokalani, P Cowan; American Chronic Pain Association, Rocklin, CA

(227) Most sexual assault survivors with new moderate or severe pain do not receive medical care in the initial six weeks after sexual assault
C Murray, J Ulirsch, A Soward, C Rossi, S Rotolo, R Wheeler, K Foley, J Batts, R Collette, D Holbrook, E Goodman, E Csontos, S McLean; University of North Carolina at Chapel Hill, Chapel Hill, NC

(230) Postmastectomy pain syndrome: an unrecognized annual billion dollar national financial burden
O Visnjevac, B Matson; State University of NY, University at Buffalo, Buffalo, NY

(233) Situational catastrophizing mediates laboratory pain responses in sickle cell disease patients
K Bond, C Campbell, S Lanzkron, C Haywood, P Carroll, L McCauley, L Buenaver, J Haythornthwaite; Johns Hopkins University, Baltimore, MD

(237) Hours of tolerable pain: predictors among adults with sickle cell disease
Z Wang, R Molokie, M Ezenwa, M Suarez, Z Zhao, Y Yao, D Wilkie; University of Illinois at Chicago, Chicago, IL

(245) Predictors of placebo treatment acceptability: participant demographics, perceived knowledge, and efficacy
N Kisaalita, M Robinson; University of Florida, Gainesville, FL

(247) Differential access to pain medications: comparing metropolitan, micropolitan, small town, and rural pharmacies in Michigan
J Piglowski, T Hart-Johnson, C Green; University of Michigan Medical School, Ann Arbor, MI

(248) Do self-reported analgesic barriers translate into objective analgesic adherence for cancer pain?
S Meghani; University of Pennsylvania Philadelphia, PA
(257) Recruitment of urban African American patients with cancer pain A Vallerand, S Schim, S Hasenau, S Robinson; Wayne State University, Detroit, MI

(283) The association of elevated resting blood pressure with greater conditioned pain modulation is present for men but not women H Bulls, B Goodin; University of Alabama at Birmingham, Birmingham, AL

(291) Racial differences in neural response to the acute pain of other people V Mathur, J Paice; Northwestern University, Evanston, IL

(297) Sleep duration mediates the relationship between ethnic differences and experimental pain perception L McCauley, K Bond, S Bounds, M Tripp, L Buenaver, D Tompkins, M Smith, J Haythornwaite, C Campbell; Johns Hopkins University, Baltimore, MD

(305) Phenotype matters: the importance of age, affect, medication, and pain characterization in the brain morphometry of chronic low back pain A Dolman, M Loggia, R Edwards, J Kong, R Gollub, V Napadow, A Wasan; Brigham and Women's Hospital, Boston, MA

(319) The role of race and sex on experimental pain sensitivity in individuals with symptomatic knee osteoarthritis E Bartley, C King, B Goodin, K Sibille, Y Cruz-Almeida, T Glover, J Riley, R Staud, A Sotolongo, B Fessler, D Redden, L Bradley, R Fillingim; University of Florida, Gainesville, FL

(409) Use of opioids for pediatric pain treatment: a population study L Wallace, S Phillips, Y Zhao, G Deshpande, M Ulcickas Yood, S Oliveria; EpiSource, Newton, MA

(449) Predictors of morphine and hydromorphone doses for patients with sickle cell disease in an urban day hospital and emergency department R Molokie, M Suarez, M Ezenwa, Y Yao, Z Zhao, Z Wang, D Wilkie; University of Illinois at Chicago, Chicago, IL

(459) Alternative therapies: yoga and mindfulness-based stress reduction as adjunctive treatment for chronic axial pain K Diaz, B Wolf; McLaren Family Residency Medical Center, Flint, MI

(461) Somatization as a predictor of outcomes following functional restoration of Chronic Disabling Occupational Musculoskeletal Disorders (CDOMD) patients M Hartzell, Y Choi, R Neblett, M Williams, R Gatchel, T Mayer; University of Texas at Arlington, TX

(477) Pain stoicism is related to the expression of pain behaviors in women, but not men, during an acute pain task M Cantwell, L Leong, A Cano, M Moghaddam; Wayne State University Detroit, MI

(478) All older adults are not alike: understanding factors influencing intra-age group differences in pain severity and experience with pain in black and white cancer patients K Castro, R Roker, T Baker; University of South Florida, Tampa, FL

(479) Pain catastrophizing influences pain and itch symptoms within 24 hours of skin autograft L Ballina, J Ulirsch, C Nielsen, R Adasme, N Thom, C Pauley, S Jones, J Hwang, B Cairns, S McLean; University of North Carolina, Chapel Hill, NC

(483) Does it matter if I’m satisfied? Predictors of satisfaction with pain treatment in older cancer patients H Collins, R Roker, T Baker; University of South Florida, Tampa, FL
Reliability and validity of 2012 Spanish translation of Barriers Questionnaire II (BQ-II) K Robinson, D Monsivais; The University of Texas at El Paso, El Paso, TX

Impact of pain and its consequences on biopsychosocial-spiritual function in patients with sickle-cell disease: a multi-phase, mixed methods study A Alsalman, J Li Wong, B Posner, W Smith; Virginia Commonwealth University, Richmond, VA

Mother-child laboratory pain associations J Tsao, N Li, L Seidman, L Zeltzer; University of California, Los Angeles, Los Angeles, CA

Mothers’ fear of pain and children’s conditioned pain modulation (CPM): relationship in a non-clinical sample S Evans, L Seidman, K Lung, L Zeltzer, J Tsao; UCLA, Los Angeles, CA

No man is an island: living in a more disadvantaged neighborhood increases the likelihood of developing persistent moderate or severe neck pain 6 weeks after motor vehicle collision J Ulirsch, A Bortsov, A Soward, R Swor, D Peak, J Jones, N Rathlev, D Lee, R Domeier, P Hendry, S McLean; UNC Chapel Hill, Chapel Hill, NC

Descriptive exploration of variables impacting initiation and completion status in rural chronic pain patients B Van Dyke, J Eyer, B Thorn, M Day, S Kapoor; University of Alabama, Tuscaloosa, AL

The pain experience in a nationally representative sample of retirement aged US residents C Green, T Hart-Johnson; University of Michigan Health System Ann Arbor, MI

Does provider sexism contribute to sex/gender disparities in pain treatment decisions? A Hirsh, N Hollingshead, M Bair, M Matthias, K Kroenke; Indiana University - Purdue University Indianapolis, Indianapolis, IN

Variability in pain treatment decisions and provider self-insight: a mixed methods investigation N Hollingshead, M Matthias, M Bair, S Middleton, A Hirsh; Indiana University - Purdue University Indianapolis, Indianapolis, IN

Religiosity/spirituality are associated with cognitive and mood variables in individuals with chronic pain and low socioeconomic status J Eyer, B Thorn, M Day; University of Alabama, Tuscaloosa, AL

Analgesia induced by daring words – a glimpse to the cultural brain M Incayawar; Runajambi, Otavalo, Ecuador


College students with chronic or recurrent pain: a qualitative exploration of their experiences S Kapoor, B Thorn, J Eyer; The University of Alabama, Tuscaloosa, AL