## 34th Annual Rush Forum for Research & Clinical Investigation Program

**March 1 & 2, 2017**

**Posters Display:** Claude H. Searle Conference Center, Professional Building, 5th Floor  
**Podium Presentations:** Field Auditorium, Room 160 Cohn  
Rush University Medical Center

### Wednesday, March 1

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<th>Time</th>
<th>Event</th>
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<tr>
<td>12 - 5 p.m.</td>
<td><strong>Poster Session – Open Viewing</strong></td>
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| 7 - 8:30 a.m.   | **SESSION I: 31st Annual Frederic A. Depeyster Memorial Lecture for the Rush Surgical Society**  
Rm. 539 AcFac  
Surgical Services and Sciences Resident Research Competition  
“Clinical and Personal Comparative Effectiveness”  
Julie A. Freischlag, MD  
Vice Chancellor for Human Health Sciences &  
Dean of the School of Medicine at UC Davis |
| 1 - 2:40 p.m.   | **SESSION II: Research and Diversity**  
Field Auditorium  
Presentations (15 min.)  
Q&A (5 min.)  
**Moderators:** Lena Al-Harthi, PhD, Professor & Associate Chair, Department of Immunology, RMC and Director of Rush-IMSD  
Gabriella Cs-Szabo, PhD, Associate Dean and Professor, GC Department of Orthopedic Surgery, RMC  
**1 - 1:15 p.m.**  
“The Relation between Physical Activity and Cognitive Change in Older Latinos”  
Shannon Halloway, PhD, RN  
**1:20 - 1:35 p.m.**  
“Determining the role of PRCP/PREP in Triple Negative Breast Cancer”  
Ricardo Perez, BS  
**1:40 - 1:55 p.m.**  
“Proprotein-Convertase Subtilisin-Kexin Type 9 (PCSK9) and Low Density Lipoprotein Receptor (LDLR) Genotype Distribution and Association with Statins in Filipino American Women”  
Joanne Michelle Gomez, MD  
**2 - 2:15 p.m.**  
“The Concept of Caring in the Recruitment of African Americans with Chronic Health Disease: An Integrative Review”  
Charlene Gamboa, MPH, PhD Student  
**2:20 - 2:35 p.m.**  
“Salud Comunitaria y la Escuela: Using Classroom Modules and a Community Garden to Encourage Wellness in Students”  
Mallory Davis, BS, MD Candidate |
| 3 - 5 p.m.      | **SESSION III: Judging of Posters**  
Poster oral presentations by students and fellows/residents (basic/clinical) will be judged by Rush faculty for Sigma Xi. Announcement for awards and certificates of recognition will be made on Thursday at 3:30 p.m.  
Presenters must be present according to the following schedule.  
– 3 p.m. Odd Numbered Posters  
– 4 p.m. Even Numbered Posters |
| 3 - 5 p.m.      | **SESSION IV: Social Event for Poster Session**  
SCC |
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<tr>
<td>8 a.m. – 5 p.m.</td>
<td>SCC</td>
<td>POSTER SESSION – OPEN VIEWING</td>
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<tr>
<td>8:15 – 8:20 a.m.</td>
<td>Field Auditorium</td>
<td>SESSION V: WELCOME &amp; RESEARCH UPDATE</td>
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| 8:20 - 8:35 a.m. |                           | "Research Update at Rush"  
Joshua J. Jacobs, MD  
Associate Provost for Research, Rush University                                             |
| 8:40 - 8:45 a.m. |                           | SESSION VI: KEYNOTE SPEAKER                                                               |
| 8:45 – 9:15 a.m |                           | "Technology to Facilitate Patient-centered Care across Settings:  
Pain Management Exemplar"  
Diana J. Wilkie, PhD, RN, FAAN  
Professor, Prairievie Trust – Earl and Margo Powers Endowed Professor and  
Director, Center of Excellence in Palliative Care Research  
Department of Biobehavioral Nursing Science  
College of Nursing, University of Florida                                               |
| 9:25 – 10:45 a.m. | Field Auditorium          | SESSION VII: FACULTY PRESENTATIONS                                                        |
| 9:25 -9:40 a.m. | CHS                       | "The Effect of Chaplain Spiritual Care on TBI Rehabilitation Outcomes"  
George Fitchett, DMin, PhD  
Professor, Director of Research, Department of Religion Health and Human Values        |
| 9:45 – 10 a.m. | CON                       | "E-Pain Reporter: A Digital Pain and Analgesic Diary for Home Hospice Care"  
Masako Mayahara, RN, PhD, FPCN  
Assistant Professor, Department of Community, Systems and Mental Health                |
| 10:05 - 10:20 a.m. | GC                        | "Novel Drugs from the Brain for Brain Disorders"  
Kalipada Pahan, PhD  
The Floyd A. Davis, M.D., Endowed Chair in Neurology  
Professor, Departments of Neurological Sciences, Biochemistry and Pharmacology          |
| 10:25 - 10:40 a.m. | RMC                       | "Role of suPAR in Kidney Disease"  
Eunsil Hahm, PhD  
Assistant Professor, Internal Medicine                                                   |
| 10:50 – 11:35 a.m. | Field Auditorium          | SESSION VIII: DENIS A. EVANS, MD LECTURESHIP                                               |
| 10:55 – 11:25 a.m. |                           | "Risk Factors, Pathology, and the Clinical Expression of AD"  
David A. Bennett, MD  
Director, Rush Alzheimer's Disease Center  
Robert C. Borwell Professor of Neurological Sciences, RUMC                             |
<p>| 11:40–12:25 p.m. |                           | BREAK                                                                                     |</p>
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<tr>
<th>Time</th>
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<th>Session IX: Student Presentations</th>
<th>Moderator: Christy C. Tangney, PhD, FACN, CNS, Professor, Department of Clinical Nutrition &amp; Associate Dean for Research, CHS</th>
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<tr>
<td>12:30 - 12:45 p.m.</td>
<td>CHS</td>
<td>“Changes in FGM Concentrations and Behavior in Response to Construction in African Wild Dogs”</td>
<td>Samantha Eugenio, BS</td>
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<tr>
<td>12:50 - 1:05 p.m.</td>
<td>CON</td>
<td>“Worksite Access to Primary Care Services: Health-seeking Behaviors and Health Outcomes Among Low-Income Foodservice Workers.”</td>
<td>Angela Moss, PhDr, MSN, APN-BC, RN</td>
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<tr>
<td>1:10 - 1:25 p.m.</td>
<td>GC</td>
<td>“B Cell Immunoaging”</td>
<td>Allison Nipper, BS</td>
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<tr>
<td>1:30 - 1:45 p.m.</td>
<td>RMC</td>
<td>“Fractionated Stereotactic Radiotherapy and Stereotactic Radiosurgery as Salvage Treatment for Recurrent Malignant High-Grade Glioma”</td>
<td>Kevin King, BS</td>
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<tr>
<th>Time</th>
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<th>Session X: Deans’ Awards Presentations</th>
<th>Moderator: Maureen H. Richards, PhD Assistant Professor, Department of Internal Medicine, RMC</th>
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<td>1:55 - 2:10 p.m.</td>
<td>CHS</td>
<td>“Modified Ketogenic Diet: Impact on Seizure Activity, Anthropometrics, and Gastrointestinal Symptoms in Adults with Epilepsy”</td>
<td>Ilana Nurko, BS</td>
</tr>
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<td>2:15 - 2:30 p.m.</td>
<td>CON</td>
<td>“Initiative to Address the Psychological Needs of IBD Patients”</td>
<td>Melissa Halverson, DNP, RN</td>
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<td>2:40 - 2:55 p.m.</td>
<td>GC</td>
<td>“Alteration in Markers of Neuronal Activity and Plasticity in the Limbic Brain of HIV-1 Tg Rats Revealed by Methamphetamine Self-Administration”</td>
<td>Michael Ohene-Nyako, BSc, MHS</td>
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<tr>
<td>3 - 3:15 p.m.</td>
<td>RMC</td>
<td>“Histopathology in chronic rhinosinusitis varies with sinus culture”</td>
<td>Ashley Heilingoetter, BA, MPH</td>
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<tr>
<th>Time</th>
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<th>Session XI: Awards Ceremony</th>
<th>Moderator: Carl Maki, PhD President, Rush Chapter of Sigma Xi</th>
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| 3:30 - 4 p.m. | Field Auditorium | Awards and certificates of recognition will be presented by: | – Center for Clinical Research and Scholarship Award  
– Graduate Student Council Awards  
– The Irwin Press Patient Experience Research Award  
– Sigma Xi |