



AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
 ORTHOPAEDIC TRAUMA ASSOCIATION
 SOCIETY OF MILITARY ORTHOPAEDIC SURGEONS

EXTREMITY WAR INJURIES IV: COLLABORATIVE EFFORTS IN RESEARCH, HOST NATION CARE, AND DISASTER PREPAREDNESS

JANUARY 21-23, 2009

SYMPOSIUM CO-CHAIRS: COL JAMES FICKE, MD AND ANDREW POLLAK, MD
 MANDARIN ORIENTAL HOTEL / WASHINGTON, DC

SYMPOSIUM AGENDA

WEDNESDAY, JANUARY 21, 2009

EXHIBITOR HOURS: 3:00 – 8:30 PM
 ORIENTAL BALLROOM B AND C FOYER

3:00 – 7:00 PM	Faculty/Attendee Check-In <i>Faculty may load their PowerPoint presentations at this time.</i>	Freer Room
6:00 – 6:45 PM	Breakout Moderator/Scribe Meeting	Sackler Room
7:00 – 8:30 PM	Opening Dinner Reception	Oriental Ballroom B and C / Foyer

THURSDAY, JANUARY 22, 2009

AAOS OFFICE HOURS (FREER ROOM) 6:15 AM – 6:00 PM
 EXHIBITOR HOURS: 7:00 AM – 6:00 PM
 ORIENTAL BALLROOM B AND C FOYER

6:45 AM	Continental Breakfast	Oriental Ballroom B and C
7:00 – 7:05 AM	Symposium Welcome <i>COL James Ficke, MD and Andrew Pollak, MD</i>	
7:05 – 7:20 AM	Review of EWI and Congressional Action to Date <i>COL James Ficke, MD and Andrew Pollak, MD</i>	
7:20 – 7:25 AM	Introduction of Keynote Speaker <i>E. Anthony Rankin, MD President, AAOS Board of Directors</i>	
7:25 – 7:40 AM	Keynote Address <i>Congressman John Murtha (D-PA)</i>	

SESSION I: ARMED FORCES INSTITUTE OF REGENERATIVE MEDICINE (AFIRM): PROGRAM STATUS AND RESEARCH UPDATES

MODERATOR: GEORGE MUSCHLER, MD

7:40 – 7:45 AM	Session Introductions <i>George Muschler, MD Cleveland Clinic Foundation</i>	Oriental Ballroom B and C
7:45 – 8:00 AM	1) AFIRM Program Overview, Charges, Structure, and Introduction of Investigators <i>Joachim Kohn, PhD Rutgers University</i>	

8:00 – 8:15 AM	2) Tissue Regeneration vs. Tissue Repair: A Biologic Scaffold Based Approach <i>Stephen Badylak, DVM, PhD, MD</i> <i>University of Pittsburgh</i>	Oriental Ballroom B and C
8:15 – 8:30 AM	3) Bone Defects – Scaffolds <i>BG Michael Yaszemski, MD, PhD</i> <i>Mayo Clinic / Bolling Air Force Base</i>	
8:30 – 8:45 AM	4) Bone Defects - Cell Therapies <i>George Muschler, MD</i> <i>Cleveland Clinic Foundation</i>	
8:45 – 9:00 AM	5) Nerve Repair <i>BG Michael Yaszemski, MD, PhD</i> <i>Mayo Clinic / Bolling Air Force Base</i>	
9:00 – 9:15 AM	6) Composite Tissue Allograft Transplantation <i>W.P. Andrew Lee, MD</i> <i>University of Pittsburgh</i>	
9:15 – 9:45 AM	Session I Discussion, Questions and Answers <i>Panel</i>	
9:45 – 9:55 AM	BREAK	
SESSION II: ADDITIONAL MILITARY PROGRAMS / DATABASES: PROGRAM STATUS AND RESEARCH UPDATES		
MODERATOR: ROMAN HAYDA, MD		
9:55 – 10:00 AM	Session Introductions <i>Roman Hayda, MD</i>	Oriental Ballroom B and C
10:00 – 10:15 AM	7) Military Extremity Trauma Amputation and Limb Salvage (METALS) Update <i>Ellen MacKenzie, PhD</i> <i>Johns Hopkins University</i>	
10:15 – 10:30 AM	8) Military Orthopaedic Trauma Registry (MOTR) Update <i>MAJ Anthony Johnson, MD</i> <i>McDonald Army Health Center</i>	
10:30 – 10:35 AM	Introduction of Keynote Speaker <i>Andrew Pollak, MD</i>	
10:35 – 10:50 AM	Keynote Address <i>Congressman C.A. Dutch Ruppersberger (D-MD)</i>	
10:50 – 11:10 AM	Session II Discussion, Questions and Answers <i>Panel</i>	
SESSION III: PARALLEL RESEARCH EFFORTS IN THE CIVILIAN SECTOR		
MODERATOR: REGIS O'KEEFE, MD, PHD AND CAPT JAMES PANAGIS, MD, MPH		
11:10 – 11:15 AM	Session Introductions <i>Regis O'Keefe, MD, PhD (University of Rochester) and James Panagis, MD, MPH</i> <i>(National Institute of Arthritis and Musculoskeletal and Skin Diseases)</i>	Oriental Ballroom B and C
11:15 – 11:30 AM	9) NIH Portfolio of Tissue Engineering and Regenerative Medicine Research <i>Fei Wang, PhD</i> <i>National Institute of Arthritis and Musculoskeletal and Skin Diseases</i>	
11:30 – 11:45 AM	10) Nerve Repair <i>Thomas Brushart, MD</i> <i>Kennedy Krieger Institute / Johns Hopkins Hospital</i>	
11:45 AM–12:00 PM	11) Bone Defects / Scaffolds <i>Jay Lieberman, MD</i> <i>University of Connecticut Health Center</i>	
12:00 – 12:15 PM	12) Muscle Regeneration <i>Johnny Huard, PhD</i> <i>University of Pittsburgh Medical Center</i>	

12:15 – 12:40 PM	Session III Discussion, Questions and Answers <i>Panel</i>	Oriental Ballroom B and C
12:45 – 1:25 PM	LUNCHEON	Grand Ballroom C
SESSION IV: ORTHOPAEDIC EXTREMITY TRAUMA RESEARCH PROGRAM (OETRP): PROGRAM STATUS AND RESEARCH PROJECTS		
MODERATORS: JOSEPH WENKE, PhD		
1:30 – 1:35 PM	Session Introductions <i>Joseph Wenke, PhD</i> <i>U.S. Army Institute of Surgical Research</i>	Oriental Ballroom B and C
1:35 – 1:50 PM	13) OETRP: Overview of the Research Priorities for Funding <i>Joseph Wenke, PhD</i> <i>U.S. Army Institute of Surgical Research</i>	
1:50 – 2:05 PM	14) Global War on Terrorism Open Tibia Study <i>LCDR John Keeling, MD</i> <i>National Naval Medical Center</i>	
2:05 – 2:20 PM	15) A Protocol to Improve Outcomes of High Energy Contaminated Wounds <i>Lawrence Webb, MD</i> <i>Wake Forest University Health Sciences</i>	
2:20 – 2:35 PM	16) Fluid Irrigation Techniques in Patients with Open Fracture Wounds: A Multi-Center Blinded Randomized Controlled Trial (F.L.O.W.) <i>Kyle Jeray, MD</i> <i>Greenville Hospital System</i>	
2:35 – 2:50 PM	17) Biomarker Analysis of High Energy Extremity Wounds <i>LCDR Jonathan Forsberg, MD</i> <i>National Naval Medical Center</i>	
2:50 – 3:05 PM	18) A Novel Pharmacological Strategy for Prevention and Treatment of Heterotopic Ossification <i>Maurizio Pacifici, PhD</i> <i>Thomas Jefferson University</i>	
3:05 – 3:20 PM	19) Future Funded Research Projects and Vision <i>COL James Ficke, MD</i> <i>Brooke Army Medical Center</i>	
3:20 – 3:50 PM	Discussion, Questions and Answers <i>Panel</i>	
3:50 – 4:00 PM	BREAK	
4:00 – 5:00 PM	EWI IV Breakout Session I: Collaborations and Synergies: OETRP, AFIRM, and NIH	1A) Hillwood Room
	1A) Design and Facilitation of Clinical Studies ○ Moderator: <i>Michael Bosse, MD</i> ○ Scribe: <i>Jeffrey Anglen, MD</i>	1B) Hirshhorn Room
	1B) Translating Methodologies for Use of Existing Technologies ○ Moderator: <i>Rocky Tuan, PhD</i> ○ Scribe: <i>Regis O'Keefe, MD, PhD</i>	1C) Oriental Ballroom A
	1C) Future Programmatic Partnerships and Synergies: AFIRM and OETRP /DoD and NIH ○ Moderator: <i>George Muschler, MD</i> ○ Scribe: <i>Andrew Schmidt, MD</i>	
5:10 – 5:30 PM	Breakout Group Reports	Oriental Ballroom
5:30 – 6:00 PM	Discussion, Questions and Answers	B and C
6:00 PM	FREE EVENING	

FRIDAY, JANUARY 23, 2009

AAOS OFFICE HOURS (FREER ROOM): 7:00 AM – 4:45 PM

EXHIBITOR HOURS: 7:30 AM – 6:00 PM

ORIENTAL BALLROOM B AND C FOYER

7:30 AM	Breakfast	
7:45 – 7:50 AM	Morning Welcome <i>COL James Ficke, MD and Andrew Pollak, MD</i>	Oriental Ballroom B and C
SESSION VA: MILITARY CARE OF HOST NATION CASUALTIES		
MODERATORS: LTC DAMIAN RISPOLI, MD AND RICK WILKERSON, DO		
7:50 – 7:55 AM	Session Introductions <i>LTC Damian Rispoli, MD and Rick Wilkerson, DO</i>	Oriental Ballroom B and C
7:55 – 8:10 AM	20) Humanitarian Care in Time of War: The Vietnam Experience with Civic Assistance Action <i>COL Stanley Minken, MD</i> <i>Uniformed Services University of the Health Sciences</i>	Oriental Ballroom B and C
8:10 – 8:25 AM	21) U.S. Armed Forces Care of Civilians in Iraq <i>LTC Damian Rispoli, MD</i> <i>Lackland Air Force Base</i>	
8:25 – 8:40 AM	22) NATO Care of Civilians in Afghanistan <i>MAJ Max Talbot, MD</i> <i>Canadian Forces</i>	
8:40 – 8:55 AM	23) Civilian Care during the Military Response to Disaster <i>CDR V. Franklin Sechriest, II, MD</i> <i>Naval Medical Center San Diego</i>	
SESSION VB: NGO CARE OF HOST NATION CIVILIAN CASUALTIES		
MODERATORS: LTC DAMIAN RISPOLI, MD AND RICK WILKERSON, DO		
8:55 – 9:00 AM	Session Introductions <i>LTC Damian Rispoli, MD and Rick Wilkerson, DO</i>	Oriental Ballroom B and C
9:00 – 9:15 AM	24) Iraqi Civilian Healthcare: Pre-Saddam Collapse <i>Shakir Jawad (Al-ainachi), MD</i> <i>Uniformed Services University of the Health Sciences</i>	
9:15 – 9:30 AM	25) Role of NGO in Civilian Healthcare/Host Physician CME: The MAI Example <i>Rick Wilkerson, DO</i> <i>Medical Alliance for Iraq</i>	
9:30 – 9:45 AM	26) SIGN Education / Treating Civilians in Afghanistan <i>Lewis Zirkle, Jr., MD</i> <i>Surgical Implant Generation Network (SIGN)</i>	
9:45 – 10:15 AM	Discussion, Questions, and Answers: Where do we go from here? <i>Panel</i>	
10:15 – 10:25 AM	BREAK	
10:25 – 11:25 AM	EWI IV Breakout Session II: Host Nation Care	2A) Hillwood Room
	2A) Educating Host Nation Civilians: Strategies ○ Moderator: <i>Lewis Zirkle, MD</i> ○ Scribe: <i>LTC James Keeney, MD</i>	
	2B) Education Host Nation Surgeons: Developing Postoperative Care ○ Moderator: <i>Rick Wilkerson, DO</i> ○ Scribe: <i>Max Talbot, MD</i>	2B) Hirshhorn Room
	2C) Opportunities for U.S. Civilian Involvement within Host Nation Medical Facilities ○ Moderator: <i>BG Michael Yaszemski, MD, PhD</i> ○ Scribe: <i>LTC Damian Rispoli, MD</i>	2C) Oriental Ballroom A
11:30 AM–12:00 PM	Breakout Group Presentations / Discussion	Oriental Ballroom B and C

12:05 – 1:00 PM	LUNCHEON Introduction of Keynote Speaker: <i>John Callaghan, MD</i> <i>Second Vice President, AAOS Board of Directors</i> Keynote Speaker: <i>John P. Howe, III, MD</i> <i>President and CEO, Project HOPE</i>	Grand Ballroom C
SESSION VI: DISASTER PREPAREDNESS: NATIONAL EFFORTS		
MODERATOR: CHRISTOPHER BORN, MD, FAAOS, FACS		
1:05 – 1:10 PM	Session Introductions/Background <i>Christopher Born, MD, FAAOS, FACS</i>	Oriental Ballroom B and C
1:10 – 1:25 PM	27) Ground Zero: The Oklahoma City Experience with Manmade and Natural Disasters <i>David Teague, MD</i> <i>University of Oklahoma Health Sciences Center</i>	
1:25 – 1:40 PM	28) Overview of the Government's Response Plan to Disaster Management (Internal) <i>CAPT James Terbush, MD, USN</i> <i>Command Surgeon, North American Aerospace Defense (NORAD) Command and United States Northern Command (USNORTHCOM)</i>	
1:40 – 1:55 PM	29) Current Status of the National Disaster Medical System (NDMS) <i>CDR Timothy Davis, MD, USPHS</i> <i>National Disaster Medical System</i>	
1:55 – 2:10 PM	30) Barriers to Coordinated Civilian Physician Training and Response to Disasters (Internal) <i>Susan Briggs, MD, MPH</i> <i>Massachusetts General Hospital International Medical Surgical Response Team</i>	
2:10 – 2:25 PM	31) Disaster Education for Civilian Physicians and Surgeons <i>Eric Frykberg, MD</i> <i>University of Florida, Jacksonville</i>	
2:25 – 2:55 PM	Discussion, Questions and Answers <i>Panel</i>	
3:00 – 4:00 PM	<b style="color: red;">EWI IV Breakout Session III: Disaster Preparedness	3A) Hillwood Room
	3A) Educating the Civilian Population <ul style="list-style-type: none"> ○ Moderator: <i>Eric Frykberg, MD</i> ○ Scribe: <i>David Teague, MD</i> 	3B) Hirshhorn Room
	3B) The Military/Civilian Interface for Internal Disaster Response <ul style="list-style-type: none"> ○ Moderator: <i>CAPT James Terbush, MD, USN</i> ○ Scribe: <i>MAJ Gregory Osgood, MD</i> 	3C) Oriental Ballroom A
4:05 – 4:35 PM	Breakout Group Presentations / Discussion	Oriental Ballroom B and C
4:35 – 4:45 PM	Lessons Learned / Next Steps <i>Andrew Pollak, MD and COL James Ficke, MD</i>	
4:45 PM	SYMPOSIUM ADJOURNS	