



# 6th Comprehensive Advanced Restorative Effort (C.A.R.E.) Training Summit



*Enhancing Warrior Care through Partnerships in Medical Excellence*

**Wednesday, September 7– Friday, September 9**

Naval Medical Center San Diego

San Diego, California



**Dr. Linda Spoonster  
Schwartz**, Assistant  
Secretary for Policy and  
Planning, Department of  
Veterans Affairs



**Rear Admiral Elaine  
C. Wagner**, Deputy  
Chief, BUMED



**Kim Phuc**, The Kim  
Foundation International,  
UNESCO Goodwill  
Ambassador for the Cul-  
ture of Peace

**Free to attend**

**Waived from DOD conference requirements**

**VA “ACES” approved event**

**24 CMEs, CEUs available**

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# INTRODUCTION

## Program Learning Objectives

The 6th Project C.A.R.E. Summit invites world-renowned speakers and surgeons from Military Medicine as well as our Civilian counterparts to discuss advances in cutting edge Restorative, Reconstructive and Regenerative Medicine.

World-leading faculty and leadership in more than 15 different disciplines have been drawn together from top Military and Civilian institutions such as the “Big Three” Military Centers of Excellence, the Veterans Administration, Harvard, Johns Hopkins, Stanford, Pittsburgh, and others.

The Summit also includes interactive training for participants in the state-of-the-art Bioskills Lab here at the Naval Medical Center San Diego.

The subject matter is broad but will be of interest to anyone who cares for patients who have suffered trauma – from the case manager to the surgeon to the medical executive. The material will be presented without breakout sessions and with ample discussion time to facilitate discussion and foster partnerships and future collaboration.



## Keynote Speakers

### **Dr. Linda Spoonster Schwartz**

*Assistant Secretary for Policy and Planning, Department of Veterans Affairs*

### **Rear Admiral Elaine C. Wagner**

*Deputy Chief, Bureau of Medicine and Surgery, Wounded, Ill and Injured*

### **Kim Phuc**

*Founder, The Kim Foundation International; UNESCO Goodwill Ambassador for the Culture of Peace; The little girl pictured in the famous, Pulitzer Prize winning photograph by Nick Ut from the Vietnam War*

For more information please contact the Project CARE office at 619-532-5760

Or visit our website at [www.tiny.cc/projectcare](http://www.tiny.cc/projectcare)

# SPEAKERS

## **CAPT Peter R. Shumaker, MC, USN**

Program Director CARE Summit; Chairman, Dermatology Department, Naval Medical Center San Diego; Clinical Associate Professor of Dermatology, Uniformed Services University

## **Bohdan Pomahac, MD**

Director, Plastic Surgery Transplantation; Medical Director, Burn Center, Brigham and Women's Hospital; Associate Professor, Harvard Medical School

## **Matthew Carty, MD**

Director, Lower Extremity Transplantation Program, Assistant Professor, Harvard Medical School

## **Jaimie Shores, MD**

Clinical Director, Hand/Arm Transplant Program; Assistant Professor of Plastic and Reconstructive Surgery and Orthopaedic Surgery, Johns Hopkins School of Medicine

## **W.P. Andrew Lee, MD**

Professor and Chairman, Department of Plastic and Reconstructive Surgery, Johns Hopkins School of Medicine

## **Richard Redett, MD**

Associate Professor of Plastic Surgery; Residency Program Director, Division of Plastic Surgery, Johns Hopkins School of Medicine

## **Gerald Brandacher, MD**

Associate Professor of Surgery and Plastic and Plastic and Reconstructive Surgery, Johns Hopkins School of Medicine; Scientific Director, Reconstructive Transplantation Program

## **Scott Schaeperkoetter**

Director of Operations, R.I.S.E (Restoring Independence Supporting Empowerment) Program

## **SSgt (USMC, Ret) Mark Zambon**

Veterans Community Representative, 53rd District CA (Congresswoman Susan Davis); Military Ambassador, The Heroes Project

## **Levi Hargrove, PhD**

Assistant Professor, Physical Medicine and Rehabil-

tation and Biomedical Engineering, Northwestern University

## **Wayman Wendell Cheatham, MD, FACE**

Associate Director, Readiness and Health for Research Administration and External Research Affairs; Special Assistant for Clinical Investigation, U.S. Navy Bureau of Medicine and Surgery

## **Manny Dominguez, MD**

Deputy Chief Learning Officer, Veterans Health Administration

## **Andrea Crunkhorn, DPT**

Clinical Affairs Program Coordinator, DoD & VA Extremity Trauma and Amputation Center of Excellence (EACE)

## **Christopher L. Dearth, PhD**

Director of Research, DoD & VA Extremity Trauma and Amputation Center of Excellence (EACE), Walter Reed National Military Medical Center, Assistant Professor, Physical Medicine and Rehabilitation, Uniformed Services University

## **Ivan Cheng, MD**

Associate Professor, Department of Orthopaedic Surgery, Stanford University Medical Center

## **Alexander Kharazi, MD, PhD**

Chief Technology Officer, Stemedica Cells Technologies, Inc

## **Lt COL Leon Nesti, MD**

Department of Orthopedics, Walter Reed National Military Medical Center

## **Rocky S. Tuan, PhD**

Co-Director, Armed Forces Institute of Regenerative Medicine II; Director, Center for Cellular and Molecular Engineering; Arthur J. Rooney Professor and Executive Vice Chair, Department of Orthopedic Surgery; Associate Director, McGowan Institute for Regenerative Medicine; Director, Center for Military Medicine Research, University of Pittsburgh

## **Lt COL Jon Meyerle, MD**

Dermatology Program Director, Walter Reed National Military Medical Center

## **CDR Randy Reese, PhD**

Director, Traumatic Brain Injury Programs, Navy Bureau of Medicine and Surgery

## **Linda R. Mona, PhD**

Clinical Psychologist, VA Long Beach Healthcare System

## **Jill E. Bormann, PhD, RN, FAAN**

Associate Nurse Executive, Research, VA San Diego Healthcare System Center of Excellence for Stress and Mental Health (CESAMH)

## **CAPT Craig J. Salt, MC, USN**

Founder and Medical Director, Project C.A.R.E (Comprehensive Advanced Restorative Effort), Staff Plastic Surgeon, Naval Medical Center San Diego

## **CDR John P. Trafeli, MC, USN**

Head of Research, Education, and Training, Project C.A.R.E. (Comprehensive Advanced Restorative Effort); Head of Research and Staff Dermatologist, Naval Medical Center San Diego

## **R. Rox Anderson, MD**

Director, Wellman Center for Photomedicine; Professor of Dermatology, Harvard Medical School

## **Geoffrey Gurtner, MD**

Johnson and Johnson Professor of Surgery, Stanford University School of Medicine

## **Matthias Donelan, MD**

Chief of Staff, Shriners' Hospital for Children, Boston, MA; Associate Visiting Surgeon, Massachusetts General Hospital; Associate Clinical Professor of Surgery, Harvard Medical School

## **E. Victor Ross, MD (CAPT, Ret)**

Director of Laser and Cosmetic Dermatology, Scripps Clinic, San Diego, CA

## **Jill Waibel, MD**

Dermatology and Dermatologic Surgery, University of Miami Miller School of Medicine

## **Andrew Krakowski, MD**

Medical Director, Derm One

## **Patient Spotlight and Special Guests**

### **Kirstie Ennis, (Sgt, Ret, USMC)**

*Veteran Advocate, Stuntwoman and Paralympic athlete*

Photo provided by Kirstie Ennis



### **Mitchell Hunter**

*Veteran and recipient of a full face transplant*

Photo provided by Mitchell Hunter



# AGENDA

Wednesday, September 7

0730-0800 **Registration**

0800-0805 **Colors and Welcome** CAPT Peter Shumaker, MC, USN

0810-0850 **Opening Remarks** CAPT Joel Roos, Linda Spoonster Schwartz, PhD, Kim Phuc

0850-0940 **Warrior Perspectives**

0940-1000 **Break/Networking**

1000-1040 **Facial Reconstruction and Restoration** Bohdan Pomahac, MD

1040-1100 **Discussion with Full Face Transplant Patient**

1100-1140 **Lower Extremity Reconstruction Including Transplantation** Matthew Carty, MD

1140-1200 **Upper Extremity Reconstruction** Jaimie Shores, MD

1200-1300 **Lunch/Networking**

1300-1320 **Hand Transplantation** W.P. Andrew Lee, MD

1320-1400 **Complex Penile Reconstruction Using Conventional Microvascular Techniques and Transplantation**, Richard Redett, MD

1400-1420 **The Future of Reconstructive Transplantation**, Gerald Brandacher, MD

1420-1440 **Panel Discussion**

1440-1500 **Break/Networking**

1500-1700 **Prosections in the Cadaver Lab**

## PROSECTIONS IN THE CADAVER LAB

*Facial Reconstruction and Transplantation*

*Upper Extremity Reconstruction and Transplantation*

*Lower Extremity Reconstruction and Transplantation*

*Penile Reconstruction and Transplantation*

*Targeted Muscle Reinnervation*

**NMCSF Faculty:** CAPT Craig Salt; LCDR Dominic Leonardelli-Gomez; LT Christopher Renninger; CDR Sean Stroup; LCDR Jack Zuckerman; Robin Caballa, PA-C

**Guest Faculty:** Matthew Carty, MD; W.P. Andrew Lee, MD; Bohdan Pomahac, MD; Richard Redett, MD; Jaimie Shores, MD; Sami Tuffaha, MD



# AGENDA

## Thursday, September 8

0730-0800 **Morning Refreshments**

0800-0810 **Welcome Remarks** CAPT Joel Roos; RADM Elaine C. Wagner

0810-0900 **Adaptive Housing for Injured Veterans (with Veteran Discussion)** Scott Schaeperkoetter

0900-0920 **Comprehensive Advanced Restorative Effort (C.A.R.E.)** CAPT Craig Salt, MC, USN

0920-0940 **Advanced Prosthetics** Levi Hargrove, PhD

0940-1000 **Discussion with Arm Transplant Patient**

1000-1020 **Break/Networking**

1020-1040 **The VHA's SimLEARN National Medical Simulation Initiative: Implementing Virtual Reality as a Means for Training & Education** Manny Dominguez, MD

1040-1100 **The State of Amputation Care and Research in the DoD** COL (USA, Ret) Andrea Crunkhorn, DPT

1100-1120 **Regenerative Medicine to Advance Amputee Care)** Christopher L. Dearth, PhD

1120-1140 **Regenerative Therapies for Spinal Cord Injury** Ivan Cheng, MD

1140-1200 **Panel Discussion**

1200-1300 **Lunch/Networking**

1300-1320 **Update on DoD Trauma Rehabilitation Research** Wayman Wendell Cheatham, MD, FACE

1320-1340 **Primer on Stem Cell Therapy** Alexander Khazazi, MD, PhD

1340-1400 **Trauma Induced Stem Cells and the Tissue Regeneration Team** Lt COL Leon Nesti, MD

1400-1420 **Application of Adult Stem Cells and Biometric Scaffolds for Skeletal Tissue Engineering and Regeneration** Rocky Tuan, PhD

1420-1440 **Fibroblast Therapy** Lt COL Jon Meyerle, MD

1440-1500 **Panel Discussion**

1500-1520 **Break/Networking**

1520-1540 **The Future of TBI Research** CDR Randy Reese

1540-1600 **Culturally Competent Sexual Health Care for Veterans with Disabilities** Linda R. Mona, PhD

1600-1620 **Mind-Body Medicine: Integrating Resilience Self-Care into Health Care** Jill E. Bormann, PhD, RN, FAAN

1620-1700 **Panel Discussion**



# AGENDA

## Friday, September 9

0730-0800 **Morning Refreshments**

0800-0810 **Welcome Remarks/Objectives**

0810-0830 **Cutaneous Procedures for Functional Restoration: Military Perspective**, CAPT Peter Shumaker, MD

0830-0920 **Beyond the Horizon**, R. Rox Anderson, MD

0920-0950 **Scar Formation, Mitigation and Prevention**, Geoffrey Gurtner, MD

0950-1010 **Revising Our Procedural Approach to Scars**, Matthias Donelan, MD

1010-1030 **Break/Networking**

1030-1050 **Laser Tissue Interactions**, E. Victor Ross, MD (CAPT, Ret)

1050-1110 **The Present and Future of Laser Scar Revision**, Jill Waibel, MD

1110-1130 **Scar Revision in the Pediatric Population**, Andrew Krakowski, MD

1130-1150 **Panel Discussion**

1150-1200 **Closing Remarks, Main Session**

1200-1300 **Lunch/Networking**

1300-1700 **Scar Revision and Hair Transplantation Workshops for Selected Attendees**

1300-1430 **Hair Transplantation Session**

1430-1700 **Surgical Scar Revision**

### Hair Transplantation

1300-1430

Faculty: Mark Krugman, MD;

CDR Michelle Arnold, MD

### Scar Revision Workshop 1430-1700

\*Hands on experience in basic scar revision techniques on the skin of life-like models

\*Fundamentals of scar positioning and irregularization, as well as common closure options

\*Techniques described and attendees will perform them under guidance of experts

\*All skill levels are welcome

*Session Moderators: CDR Curtis Gaball, MD; Nathan Uebelhoer, DO; Matthias Donelan, MD; CDR Michelle Arnold, MD; CAPT Craig Salt, MD; CDR Katerina Gallus, MD*

