

2:50-3:10 p.m.

Rebecca Stine, MS

Manager, Jesse Brown VA Medical Center Motion Analysis
Research Laboratory

*Pelvic and Spinal Motion during Walking in Persons with
Transfemoral Amputation with and without Low Back Pain*

3:10-3:30 p.m.

Pranitha Gottipati, PhD

Postdoctoral Fellow, PM&R

*Segmental Spinal Motion before and after Spinal Reconstruction
Surgeries*

3:30-3:50 p.m.

Suzanne McConn, BS

Master's student, Biomedical Engineering

*Fall Risk & Prosthetic Influence on Gait Biomechanics in Upper
Limb Amputees*

3:50-4:10 p.m.

Thomas Curran, BS

Master's student, Biomedical Engineering

*Investigating the Interface between Prosthetic Feet and the
Ground*

BREAK

4:10-4:25 p.m. (15 minutes)

DEMONSTRATION

Scheck and Siress Smart Classroom

4:25-5:00 p.m.

Yeongchi Wu, MD

Research Associate Professor, PM&R

*Innovative Techniques for Managing Residual Limbs and
Fabricating Orthoses / Sockets*



NUPOC Biennial Symposium

Thursday, February 25, 2016

8:30 a.m. – 5:00 p.m.

**Welcome the German-Speaking Travel Fellows of
Initiative '93!**

Northwestern University Prosthetics-Orthotics Center

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NUPOC BIENNIAL SYMPOSIUM 2016

8:15 a.m. Arrival and Orientation Tour of NUPOC

CONTINENTAL BREAKFAST

MORNING PROGRAM

Scheck and Siress Smart Classroom

9:00 a.m.

Steven A. Gard, PhD

Executive Director NUPOC; Associate Professor, PM&R

Welcome and Introductions

9:15-9:45 a.m.

Tymoteusz (Timo) Borys Budny, MD (Group Leader)

Consultant, Department of General Orthopedics & Tumor
Orthopedics, University Hospital, Münster, Germany

Long Term Results after Atypical (Reversed) Syme's Amputation

9:45-10:15 a.m.

Cornelia Marianne Putz, MD

Fellow, Pediatric Orthopedics, University of Heidelberg, Germany
Structural Changes of the Thigh Muscles in Transfemoral

Amputation: Preliminary Results

10:15-10:45 a.m.

Patrick Schröter, MD

Intern, Orthopedics and Trauma Surgery, Halle Saale, Germany
The Non-Resilient Leg Stump: A Treatment of Causes, including

chronic infection, phantom pain, skin problems and scars

10:45-11:15 a.m.

Maïke Truelsen, Orthotist

adViva GmbH, a pediatric rehabilitation company, Heidelberg,
Germany

*The Process of Manufacturing Orthopedic Devices in Germany,
from First Contact until Delivery*

11:15-11:45 a.m.

Felix Wilhelm Arnaud Waibel, MD

Resident, Department of Orthopedics, University of Zurich,
Balgrist University Hospital, Switzerland

Orthopaedic Shoe Wear: Current Concepts

LUNCHEON

Noon-1:15 p.m.

Conference Room

AFTERNOON PROGRAM

Scheck and Siress Smart Classroom

1:15-1:35 p.m.

Steven A. Gard, PhD

Overview of NUPOC Research

1:35-1:55 p.m.

Matthew Major, PhD

Assistant Professor, PM&R

Lateral Stability and Recovery Strategies among Persons with BKA

1:55-2:15 p.m.

Ryan Caldwell, CP/L, FAAOP

Research Prosthetist, NUPOC

*The Northwestern University Flexible Sub-Ischial Vacuum (NU-
FlexSIV) Socket*

2:15-2:35 p.m.

Lilly Tran, MS

Research Engineer, NUPOC

*Stakeholder Input on Development of a Residual Limb Health
Monitoring System*

BREAK

2:35-2:50 p.m. (15 minutes)