

# FULBRIGHT FORUM<sup>2018</sup>

Education, Innovation, Science and Art

**University of Helsinki and Aalto University**

**March 15–16, 2018**

*March 15: Room 302, Athena*

*Siltavuorenpenger 3 A, Helsinki*

*March 16: Auditorium Lumituuli, Dipoli*

*Otakaari 24, Espoo*

## THURSDAY – Room 302, Athena

Moderators: *Jussi Ikkala and Henri Pesonen, University of Helsinki*

- 10:15–10:30**      **Welcome to Fulbright Forum 2018!**  
Arto Kallioniemi, Vice Dean, Faculty of Educational Sciences,  
University of Helsinki  
Johanna Mäkelä, Dean, Faculty of Educational Sciences,  
University of Helsinki  
Terhi Mölsä, Chief Executive Officer, Fulbright Finland
- 10:30–10:45**      **21st Century Students Take Action with Project-Based Learning**  
Samuel Northern
- 10:45–11:00**      **Discrete Encounters in Mathematics**  
Manuel Sanders
- 11:00–11:50**      **Panel Discussion: STEM Education for the 21st Century: Finnish Policy and Classroom Innovation**  
  
Maya Kaul  
Linda Szypula  
Aulikki Pekkala-Flagan
- 11:50–12:50**      **Lunch**   
UniCafe Olivia, Siltavuorenpenger 5 A (at participants' own cost)
- 12:50–13:25**      **Panel Discussion: Use Your Hands! Engaging and Supporting Students with Vocational and Craft Education for Success in High School and Beyond**  
  
Ebony Meyers-White  
Sarah Flynn

13:25-14:00

**Panel Discussion: How Break Time and Motion Impact Student Achievement in Finland**

Martha Infante  
Kerry Pigott

14:00-14:05

**Fulbright Finland Announcement about Opportunities for Students, Teachers and Faculty**

Karoliina Kokko, Senior Program Manager, Fulbright Finland

14:05-14:30

Coffee Break 

14:30-14:45

**Defining Global Responsibility in Post-Secondary Education**

Tiffany Viggiano

14:45-15:00

**The Chess Player**

Richard McElvain

15:00-15:15

**“Take Your Freedom”: Clyde Warrior on His America and Our Own**

Daniel Cobb

15:15

**Closing Remarks - End of the Seminar Day I**

Terhi Mölsä, Chief Executive Officer, Fulbright Finland

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## FRIDAY – Auditorium Lumituuli, Dipoli, Aalto University

*Moderator: Benjamin Alldritt, Fulbright Finland Alum*

9:00-9:15

### **Opening Remarks and Special Announcement**

Eero Eloranta, Vice President, Education, Aalto University  
Terhi Mölsä, Chief Executive Officer, Fulbright Finland

9:15-9:45

### **Economics**

#### **Discourse and Framing in the Finnish Basic Income Debate**

James O'Donnell

#### **Measuring Inequality in Finland**

Peter Matthews

9:45-10:30

### **Epidemiology and Health**

#### **Is Finland on Track to be Tobacco Free by 2030?**

David Timberlake

#### **Behavioral Epidemiology: Prevalence of Peer Victimization by Sexual Identity among U.S. Adolescents**

Emily Olsen

#### **Medical Device Design: How Do Clinical Needs Translate into Technical Requirements**

Miiri Kotche

10:30-10:35

### **Fulbright Finland Announcement about Opportunities for Students, Teachers and Faculty**

Karoliina Kokko, Senior Program Manager, Fulbright Finland

10:35-10:45

Short Break

10:45-11:20

**Panel Discussion: Biology in the Age of Information: Exploring Biological Informatics in Finland**

Amanda Tursi  
Vaughn Shirey

11:20-11:50

**Arctic Themes**

**Arctic Health and Wellbeing**

Audrey Waits

**U.S. Coast Guard Icebreaking: Past, Present, and Future**

William Woityra

11:50-12:50

**Lunch** 

Restaurant Reima, Dipoli (at participants' own cost)

12:50-13:05

**Detection of Glycated Hemoglobins with Aptamer**

Dong Shik Kim

13:05-13:55

**Panel Discussion: Three Energy Technologies That Will Keep the Coal in the Ground**

Yun Ji  
Joshua Pearce  
Thinh Truong

13:55-14:15

**Coffee Break** 

14:15-15:20

**Panel Discussion: Sustainable Thinking: A Long-term Mindset**

Aditya Ramesh  
Andrew House  
Gemma Holt  
Stephen Frolking

15:20

**Closing Remarks**

Terhi Mölsä, Chief Executive Officer, Fulbright Finland

## NOTES



## Fulbright Distinguished Chair Program

### **Cobb, Daniel**

University of North Carolina,  
Chapel Hill, NC  
University of Helsinki

### **Kim, Dong Shik**

University of Toledo, OH  
Aalto University

### **Matthews, Peter Hans**

Middlebury College, VT  
Hanken School of Economics

### **Pearce, Joshua**

Michigan Technological University, MI  
Aalto University

## Core Fulbright Scholars

### **Frolking, Stephen**

University of New Hampshire, NH  
University of Eastern Finland,  
Joensuu

### **Ji, Yun**

University of North Dakota, ND  
VTT Technical Research Centre of  
Finland, Jyväskylä

### **Kotche, Miiri**

University of Illinois at Chicago, IL  
VTT Technical Research Centre of  
Finland, Espoo

### **McElvain, Richard**

Fitchburg State University, MA  
University of Turku

### **Sanders, Manuel**

University of South Carolina, SC  
Tampere University of Technology

### **Timberlake, David**

University of California, Irvine, CA  
University of Tampere

## Mid-Career Professional Development Grant

### **Woityra, William**

U.S. Coast Guard, DC  
Finnish Transport Agency, Helsinki

## Fulbright Distinguished Awards in Teaching

### **Flynn, Sarah**

Arapahoe Campus, Boulder, CO  
University of Jyväskylä

### **Infante, Martha**

Los Angeles Academy Middle  
School, CA  
Niilo Mäki Institute, Jyväskylä

### **Meyers-White, Ebony**

Carver-Vocational Technical High  
School, MD  
University of Jyväskylä

### **Northern, Samuel**

Simpson Elementary School, KY  
University of Helsinki

### **Pekkala-Flagan, Aulikki**

Ramona Convent Secondary School  
and Pasadena City College, CA  
University of Helsinki

### **Pigott, Kerry**

Cottage Lake Elementary, WA  
Niilo Mäki Institute, Jyväskylä

### **Szypula, Linda**

Fernwood Middle School, NJ  
University of Jyväskylä

## U.S. Student Program

### **Holt, Gemma**

Graduate of Williams College, MA  
University of Lapland

### **House, Andrew**

Graduate of Mississippi State  
University, MS  
University of Turku and University  
of Helsinki

### **Kaul, Maya**

Graduate of Pomona College, CA  
University of Helsinki

### **O'Donnell, James**

Graduate of Villanova University, PA  
University of Tampere

### **Olsen, Emily**

Graduate of Emory University, GA  
University of Tampere

### **Ramesh, Aditya**

Graduate of Duke University, NC  
Lappeenranta University of  
Technology

### **Shirey, Vaughn**

Graduate of Drexel University, PA  
University of Helsinki and Finnish  
Museum of Natural History

### **Truong, Thinh**

Graduate of Lenoir-Rhyne  
University, NC  
Lappeenranta University of  
Technology

### **Tursi, Amanda**

Graduate of Rowan University, NJ  
University of Turku

### **Viggiano, Tiffany**

University of California, Riverside, CA  
University of Jyväskylä

### **Waits, Audrey**

Graduate of Georgia College, GA  
University of Oulu

**Fulbright Finland**



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