



# Designing for Older Adults

CREATE Workshop

New York City

October 21 - 22, 2019

- **A SPECIAL EVENT:** The world-renowned investigators of the Center for Research and Education on Aging and Technology Enhancement (CREATE) are hosting a two-day interactive workshop on “Designing for Older Adults.”
- **WHO SHOULD ATTEND:** If you are designing technology, consumer products, health apps, or living environments for older adults, this is a unique opportunity to network with colleagues and glean advice from leading experts in aging and design. Because of the highly interactive nature of this workshop, we are limiting attendance.
- **WHAT IS CREATE?** The focus of CREATE is on making technology more useful to and usable by older adults. It is a consortium of Weill Cornell Medicine, Florida State University, and University of Illinois Urbana–Champaign, and is supported by the National Institutes of Health (National Institute on Aging). CREATE is the first group to receive the Human Factors and Ergonomics Society’s *Jack A. Kraft Award for Innovation* since its inception more than four decades ago. The award recognized the CREATE team for its significant social impact on technology advancements for aging populations. CREATE was also the inaugural (2016) recipient of the American Psychological Association’s *Interdisciplinary Team Research Award*. To learn more about CREATE visit our website [www.create-center.org](http://www.create-center.org).
- **AGENDA:** A critical aspect of the workshop is that members of the team will present guidelines and best practices for designing for older adults. Topics include: Existing & Emerging Technologies, Usability Protocols, Interface & Instructional Design, and design for Social Engagement, Living Environments, Healthcare, Transportation, Leisure, and Work. Each participant will receive a complimentary copy of our book *Designing for Older Adults*, 3<sup>rd</sup> Ed., winner of the *Richard Kalish Innovative Publication Award* (2019), and a USB with CREATE publications and tools.
- **HIGHLY INTERACTIVE:** An important aspect of the workshop is the opportunity for attendees to network and share their experiences, challenges, and outlooks for the future.
- **DETAILS:** This is a limited attendance event, so attendees must register by October 1<sup>st</sup>, 2019. The cost of the workshop is \$1200 plus your travel expenses. For students and postdocs, the cost is \$800. The costs also include a networking breakfast, lunch, and dinner. For a registration form or any further information and/or assistance with reasonable accommodations, please contact Adrienne Jaret ([adj2012@med.cornell.edu](mailto:adj2012@med.cornell.edu)); 646.962.7153.

**Look forward to seeing you in New York City**

Sara J. Czaja, Director, Weill Cornell Medicine

Walter R. Boot, Professor, Florida State University

Neil Charness, Professor, Florida State University

Wendy A. Rogers, Professor, University of Illinois Urbana-Champaign



## CREATE PRINCIPAL INVESTIGATORS

### **Sara J. Czaja Ph.D.**

Director, CREATE  
Weill Cornell Medical College

Sara J. Czaja, Ph.D., is the Director of CREATE. Her research interests include: aging and cognition, aging and healthcare informatics, caregiving, older workers, human-computer interaction, training, and functional assessment. She is a fellow of the American Psychological Association (APA), the Human Factors and Ergonomics Society, and the Gerontological Society of America. She is also a member of the National Academy of Science Board on Human Systems Integration. She is the Immediate Past President of Division 20 (Adult Development and Aging) of APA and recently served on the Institute of Medicine Committee on Healthy Cognitive Aging and the Institute of Medicine Committee on Family Caregivers of Older Adults.

### **Walter R. Boot, Ph.D.**

CREATE Principal Investigator  
Florida State University

Walter R. Boot, Ph.D., is a professor of psychology at Florida State University. His research interests include how humans perform and learn to master complex tasks (especially tasks with safety-critical consequences), how age influences perceptual and cognitive abilities vital to the performance of these tasks, and how technological interventions can improve the well-being and cognitive functioning of older adults. Boot has published extensively on the topic of technology-based interventions involving digital games. He has also been funded by Florida DOT to conduct studies of aging road users; specifically examining countermeasures to improve safety and mobility. Boot received his Ph.D. in psychology from the University of Illinois at Urbana-Champaign in 2007.

### **Neil Charness, Ph.D.**

CREATE Principal Investigator  
Florida State University

Neil Charness, Ph.D., is the William G. Chase Professor of Psychology, Director of the Institute for Successful Longevity, and Associate Director of the Center for Accessibility and Safety for an Aging Population (ASAP) at Florida State University. He received his BA from McGill University (1969) and MSc and PhD from Carnegie Mellon University (1971, 1974) in Psychology. Neil's research centers on understanding aging processes in technology use and mitigating negative effects in domains such as healthcare and transportation. He has authored/co-authored over 180 publications, including *Designing Telehealth for an Aging Population: A Human Factors Perspective* (2011).

### **Wendy A. Rogers, Ph.D.**

CREATE Principal Investigator  
University of Illinois Urbana-Champaign

Wendy A. Rogers, Ph.D., is the Khan Professor of Applied Health Sciences at the University of Illinois Urbana-Champaign. Her research interests include design for aging, technology acceptance, human-automation interaction, aging-in-place, human-robot interaction, aging with disabilities, and cognitive aging. She is Director of the Human Factors and Aging Laboratory ([www.hfaging.org](http://www.hfaging.org)), funded by the National Institutes of Health (National Institute on Aging) as part of the Center for Research and Education on Aging and Technology Enhancement ([www.create-center.org](http://www.create-center.org)), and the Administration for Community Living (National Institute on Disability, Independent Living, and Rehabilitation Research, NIDILRR) Rehabilitation Engineering Research Center on *Technologies to Support Successful Aging-in-Place for People with Long-Term Disabilities* ([www.rercTechSAge.org](http://www.rercTechSAge.org)).



## Workshop Agenda /October 21 - 22, 2019

### Monday, October 21<sup>st</sup>

Time	Topic	Instructor(s)
<b>9:00 am</b>	<b>Registration and Welcome Coffee</b>	
9:30 am – 10:30am	Introductions	
9:45 am – 10:30 am	Overview of CREATE & PRISM: A Software System for Older Adults	Sara Czaja
10:30 am – 11:00 am	Characteristics of the Older Adults	Wendy Rogers
11:00 am – 11:30 am	Importance of Individual Differences	Sara Czaja
11:30 am – 12:00 pm	Existing & Emerging Technology	Wally Boot
<b>12:00 pm – 1:00 pm</b>	<b>Lunch and Networking</b>	
1:00 pm – 1:45 pm	Basic Principles of Design	Wendy Rogers
1:45 pm – 2:15 pm	Involving Older Adults in Design Research	Sara Czaja
2:15 pm – 3:00 pm	Interface Design and the User Experience	Neil Charness
<b>3:00 pm – 3:15 pm</b>	<b>Break</b>	
3:15 pm – 3:45 pm	Design of Instructional Programs	Wendy Rogers
3:45 pm – 4:15 pm	Leisure Activities and Products	Wally Boot
<b>4:15pm – 4:30 pm</b>	<b>Day 1 Wrap-Up</b>	
<b>7:00 pm – 9:00 pm</b>	<b>Reception and Dinner</b>	

## Tuesday, October 22<sup>nd</sup>

Time	Topic	Instructor(s)
<b>8:00am</b>	<b>Breakfast</b>	
8:30 am – 9:15 am	Living Environments	Wendy Rogers
9:15 am – 10:00 am	Health Products and Programs	Neil Charness
<b>10:00 am – 10:30 am</b>	<b>Break and Networking</b>	
10:30 am – 11:15 am	Social Engagement	Sara Czaja
11:15 pm – 12:00 pm	Transportation	Wally Boot
<b>12:00 pm – 12:45 pm</b>	<b>Lunch</b>	
12:45 pm – 1:30 pm	Work & Volunteering	Sara Czaja & Wendy Rogers
1:30 pm – 2:00 pm	Predicting the Future	Neil Charness
2:00 – 2:15 pm	Conclusion	

# CREATE WORKSHOP 2019 NYC



## DESIGNING FOR OLDER ADULTS



**Monday October 21 - Tuesday October 22, 2019**

PLEASE VISIT OUR WEBSITE [WWW.CREATE-CENTER.ORG](http://WWW.CREATE-CENTER.ORG) FOR THE LATEST NEWS AND UPDATES!

### ATTENDEE INFORMATION (Please print clearly, information will be used on name tags)

NAME	_____
POSITION	_____
ADDRESS	_____
PHONE	_____
EMAIL	_____

### PAYMENT INFORMATION (REGISTRATION FEE: \$1200; STUDENTS & POST DOCS: \$800.00)

#### PAYING BY CHECK

MAKE CHECK PAYABLE TO:

**WCM DIVISION OF GERIATRICS AND PALLIATIVE MEDICINE**

PLEASE NOTE ON CHECK:

**REGISTRATION CREATE 2019**

#### PAYING BY PAYPAL

PLEASE SCAN THE COMPLETED REGISTRATION FORM TO [adj2012@med.cornell.edu](mailto:adj2012@med.cornell.edu)

INSTRUCTIONS TO FOLLOW

ONCE REGISTRATION IS RECEIVED

☐ I HAVE ATTACHED A CHECK. PLEASE SEND COMPLETED REGISTRATION FORM AND CHECK TO:

**ADRIENNE JARET**

**WCM DIVISION OF GERIATRICS AND PALLIATIVE MEDICINE**

**420 EAST 70TH STREET, 3RD FL, SUITE B (OFFICE LH-309)**

**NEW YORK, NY 10021**

### WORKSHOP LOCATION

**WEILL CORNELL MEDICINE, DIVISION OF GERIATRICS AND PALLIATIVE MEDICINE**

**CENTER ON AGING AND BEHAVIORAL RESEARCH**

**420 EAST 70 STREET, 3RD FLOOR CONFERENCE ROOM, NEW YORK, NY 10021**

**FOR MORE INFORMATION CONTACT ADRIENNE JARET AT 646.962.7153 OR EMAIL AT [adj2012@med.cornell.edu](mailto:adj2012@med.cornell.edu)**