Stata is a complete, integrated statistical package that provides everything you need for data analysis, data management, and graphics. With a point-and-click interface, an intuitive command syntax, and online help, Stata is easy to use, fast, and accurate. Need more reasons to make the switch to Stata?

**Talk to our developers at booth 202.**

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This book is an overview of the APS Convention. It is a companion to the mobile app ("APS2013") and online program, where you will find the full details of each presentation, including posters and abstracts.

[www.psychologicalscience.org/convention](http://www.psychologicalscience.org/convention)
This broadly based international Journal sits at the interface of clinical psychological science and other disciplines, publishing the best papers from the full spectrum of relevant science. The Journal welcomes empirical papers as well as occasional reviews and associated theoretical formulations.

Call for Papers
Clinical Psychological Science is currently seeking research in the following areas, but welcomes submissions in all areas described in the Aims and Scope:

• Basic research on transdiagnosis of psychiatric disorders that focuses on commonalities of risk, protective factors, etiology, and long-term course. Research focused on descriptive and explanatory models to understand onset and course is especially welcome.

• Intervention and services research that directly addresses disparities in mental health. We seek research that provides evidence to address disparities by showing impact on an underserved population in controlled intervention or program evaluation trials.

• Epigenetic influences on adjustment, adaptive functioning, social behavior in human or non-human animals that could be connected to or provide a model for human adjustment.

For Aims and Scope and submission guidelines, go to www.psychologicalscience.org/cps
NEW
Ungifted
Intelligence Redefined
SCOTT BARRY KAUFMAN
Basic Books, June 2013, 416 pages
9780465025541, $29.99, hc

NEW
Brainwashed
The Seductive Appeal of Mindless Neuroscience
SALLY SATEL AND SCOTT O. LILIENFELD
Basic Books, June 2013, 256 pages
9780465018772, $26.99, hc

NEW
The Human Spark
The Science of Human Development
JEROME KAGAN
Basic Books, June 2013, 352 pages
9780465029822, $28.99, hc

NEW
Permanent Present Tense
The Unforgettable Life of the Amnesic Patient, H.M.
SUZANNE CORKIN
Basic Books, May 2013, 400 pages
9780465031597, $28.99, hc

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Surfaces and Essences
Analogy as the Fuel and Fire of Thinking
DOUGLAS HOFSTADTER AND EMMANUEL SANDER
Basic Books, April 2013, 592 pages
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How the New Science of Consciousness Explains Our Insatiable Search for Meaning
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The Logic of Deceit and Self-Deception in Human Life
ROBERT TRIVERS
Basic Books, 2011, 416 pages
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Snoop
What Your Stuff Says About You
SAM GOSLING
Basic Books, 2009, 272 pages
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The Happiness Hypothesis
Finding Modern Truth in Ancient Wisdom
JONATHAN HAIDT
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The Design of Everyday Things
DON NORMAN
Basic Books, 2002, 192 pages
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<td>978-1-118-53320-8</td>
<td>978-1-118-53321-9</td>
<td>$1440.95</td>
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New reference works

**The Wiley Handbook on the Development of Children's Memory**
Edited by Patricia J. Bauer and Robyn Fivush
Publishing October 2013
978-1-119-99399-5
2 volumes • 1104 pages
Also available in electronic formats

The first reference work in which critical topics in memory development are covered from multiple perspectives, spanning infancy through adolescence.

**The Encyclopedia of Cross-Cultural Psychology**
Edited by Kenneth D. Keith
Publishing September 2013
978-0-470-67126-9
3 volumes • 1500 pages
Also available on Wiley Online Library

A comprehensive resource for the field of cross-cultural, cultural, and indigenous psychology with contributions by scientists and scholars from around the world.

[www.crossculturalencyclopedia.com](http://www.crossculturalencyclopedia.com)

**The Wiley Handbook of Cognitive Behavioral Therapy**
Edited by Stefan G. Hofmann
Publishing December 2013
978-1-118-53320-8
3 volumes • 1440 pages
Also available on Wiley Online Library

Provides an authoritative survey of the various clinical approaches to cognitive behavioral therapy. Contributed by leading academics and professionals, the entries are presented in a rational and accessible format.

[www.cbthandbook.com](http://www.cbthandbook.com)
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MICHAEL S. GAZZANIGA
TODD F. HEATHERTON
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Cognition
Exploring the Science of the Mind
Fifth Edition
DANIEL REISBERG

Together, text, workbook, and ZAPS online labs engage students in the scientific process and emphasize the relevance of cognitive psychology. It’s the most dynamic learning package on the market, and an outstanding value for your students.

Social Psychology
Third Edition
THOMAS GILOVICH
DACHER KELTNER
RICHARD NISBETT
SERENA CHEN

New co-author Serena Chen and a free interactive ebook introduce students to the field of social psychology today.

The Personality Puzzle
Sixth Edition
DAVID C. FUNDER

The Personality Puzzle explores the past, present, and future of the discipline to show students why personality psychology matters. The Sixth Edition includes extensive updates on biological approaches to personality, on what traits tell us about behavior, and much more.

Research Methods in Psychology
Evaluating a World of Information
BETH MORLING

Research Methods in Psychology engages students and helps them develop the skills they need for critically examining their world. Featuring the 3 Claims 4 Validities framework that focuses on critical thinking and quantitative-reasoning skills, the text offers a clear and lively writing style, along with four-color illustrations that help to hold readers’ interest. Beth Morling continues the conversation at WWW.EVERYDAYRESEARCHMETHODS.COM.

Cognitive Neuroscience
The Biology of the Mind
Fourth Edition
MICHAEL S. GAZZANIGA
RICHARD B. IVRY
GEORGE R. MANGUN

The most authoritative cognitive neuroscience text is now the most accessible, with a streamlined and reorganized narrative, a stunning new art program, and innovative new pedagogical features to help students learn. The Fourth Edition offers a fascinating new chapter, “Consciousness, Free Will, and the Law,” and has been extensively updated with hundreds of new citations.

(800) 233-4830 www.norton.com
The 25th APS Annual Convention App

“APS2013”

- Search the Program
- Organize your schedule
- Find speakers
- Locate Exhibitors
- Follow conversations on Twitter
- View Convention Maps
- Get Convention alerts
- Connect with colleagues and save networking contacts

Works on iPhone, iPad, and Android. Once downloaded, no Internet connectivity is required (updates do require an Internet connection which APS provides free at the Convention). If you don’t have one of those “smart” devices, the good news is a web-based version is also available.

For full program details, including abstract and posters, use the app, program kiosks, and APS website.

Scan for the program app

Scan for the program online

www.psychologicalscience.org/convention
THEME PROGRAMS

The 25th APS Annual Convention features three cross-cutting theme programs addressing key topics in psychological science. Each program includes a variety of presentations by distinguished speakers, followed by a roundtable discussion, and a related poster session.

Regulating the World, Regulating the Mind

Our childhoods alternated between agonizing efforts to be patient and acting out, our adult work life demands that we hold our tongues yet speak our minds, and our efforts at alternate construals are thwarted by rumination about immutable events of the day. We regulate our worlds: action, thought, and emotion. Learn why…if you can sit still long enough.

Building a Better Psychological Science: Good Data Practices and Replicability

Psychological science has come of age. But the rights of a mature discipline carry with it responsibilities: to maximize confidence in our findings through good data practice and replication while simultaneously ensuring that funding sources and publication outlets support best practice. As we stand at the crossroad, leaders are proposing a road map.

Biological Bases of Social Behavior

In response to recent advances in social neuroscience (broadly construed), this theme program speaks to the various ways that basic biological functions shape and underlie social behavior. The speakers will explore how an understanding of neuroscience, physiology, genetics, and endocrinology can foster a fuller, more consistent understanding of social behavior and of the person.
18th Annual Meeting of
EUROPEAN SOCIETY FOR COGNITIVE PSYCHOLOGY (ESCOP)
29 AUGUST – 1 SEPTEMBER 2013 • BUDAPEST, HUNGARY • WWW.ESCOP2013.ORG

PRECONFERENCE EVENT
BUILDING A BETTER PSYCHOLOGICAL SCIENCE
GOOD DATA PRACTICES AND REPLICABILITY
28 August 2013
14:30 to 18:30 | Room 0.83 | ELTE University Congress Center | Pázmány Péter sétány 1/A | H-1117 Budapest, Hungary

The program is offered free of charge, but due to space limitations, we ask that you register.
www.psychologicalscience.org/escop2013

**For more on issues of replicability, see the November 2012 issue of Perspectives on Psychological Science**

XVIth European Conference on Developmental Psychology
Lausanne, Switzerland • 3-7 September 2013

UNDERSTANDING ENVIRONMENTAL AND GENETIC INFLUENCES ON NEUROCOGNITIVE DEVELOPMENT
An integrative science symposium co-sponsored by
European Association for Developmental Psychology and the Association for Psychological Science
3 September • 16:30 – 18:00

www3.unil.ch/wpmu/ecdp2013/
SPECIAL EVENTS

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From Revolution to Legislation: The NIMH Research Domain Criteria Project
Bruce N. Cuthbert, National Institute of Mental Health (Chair)
Beyond the Guild: Innovative Models to Expand Dissemination Science in Mental Health
Marc S. Atkins, University of Illinois, Chicago (Chair)
Kimberly Eaton Hoagwood, New York University (Chair)

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Unity in a Modular World

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Developmental Mechanisms in Psychopathology: The Permeable Boundary Between Behavior and Biology

Gerald L. Clore, University of Virginia
Emotional Impact

Diane F. Halpern, Claremont McKenna College
The Psychological Science Behind Hyperpartisanship and What to Do About It

Scott O. Lilienfeld, Emory University
Psychology’s Public Image Problem: Why Many Laypersons and Politicians Don’t View Our Field as Scientific

Roy F. Baumeister, Florida State University
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Helen J. Neville, University of Oregon
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Liars Liars Everywhere, and an Apathetic Psychology Does Not Seem to Care
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Ian H. Gotlib, Stanford University
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Michelle G. Craske
University of California, Los Angeles
Neurally-based Translational Models for Treatment Optimization

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Multi-tasking in the Automobile

PSPI Symposium 63
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Improving Students’ Learning With Effective Learning Techniques: Promising Directions From Cognitive and Educational Psychology
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Misinformation and Its Correction: Continued Influence and Successful Debiasing
Stephan Lewandowsky, University of Bristol, United Kingdom, and University of Western Australia

Presidential Symposium 64
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Bring the Family Address 77
Morton Ann Gernsbacher, University of Wisconsin-Madison
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10 For posters and full program details, use the convention app "APS2013" or visit www.psychologicalscience.org/convention.
On behalf of the APS Board of Directors, it is my pleasure to welcome you to Washington, DC, and the 25th Annual Convention of the Association for Psychological Science!

The 2013 Convention brings together leading researchers for several days of excellent presentations that highlight the cross-cutting nature of our field. Please join me in thanking Program Chair Janet B. Ruscher and Committee members Ozlem Ayduk, Suzanne T. Bell, Howard Berenbaum, Pamela Davis-Kean, Howard N. Garb, Preston Garraghty, Ellen Hamaker, Jeffrey Holmes, Michael Inzlicht, and Arnaud Rey. Their hard work and dedication to quality science, research, methodology, and teaching is evident in the programs and presentations they have brought together.

The outstanding program at this meeting would be reason enough to celebrate. But this year marks a milestone for APS – our 25th anniversary – and we’re celebrating it here with a birthday party and concert Saturday night, and all year long with a collection of retrospectives by distinguished scientists in the Observer and in the journal Perspectives on Psychological Science. In addition, as part of APS’s 25th anniversary, the Board of Directors is honoring 25 distinguished scientists who have had a profound impact on the field of psychological science over the past quarter century. Read more about those honorees on page 36 of this program.

This anniversary year is also marked by two firsts: the publication of the first volume of APS’s new journal Clinical Psychological Science (CPS), edited by Alan E. Kazdin, and the presentation of our first APS Mentor Award. CPS explores the full range of perspectives within the field of modern clinical science as well as its connections with other disciplines. The APS Mentor Award honors members of our discipline who masterfully help students and colleagues discover and pursue their own career and research goals.

In 2012, APS established the William K. and Katherine W. Estes Fund to honor their legacy and support activities related to mathematical psychology and methodology. This year, APS and the Psychonomic Society formed a new partnership to lead this Fund and thanks to the Society’s generous contribution, the Estes Fund will support an even wider range of programs. Going forward, funds will support workshops and symposia, debates on methodology, new small conferences, and much more.

Being in Washington this year, we’re fortunate to have many of our federal colleagues at the Convention, as presenters and sponsors of events (see information on these events on page 27); I strongly encourage you to connect with these colleagues and support them in their efforts to advance the best possible research and training. APS was founded in large part to serve as a dedicated voice for psychological science, in order to increase public understanding and support for our field. The Association has been uniquely effective in that role, resulting in a significant increase in federal funding for basic and applied behavioral and social science research over the years and in an unprecedented visibility for psychological science in traditional and social media.

APS is also leading the way in supporting cross-cutting science that spans disciplinary and geographic boundaries. We are happy and proud to welcome our many international speakers who, by participating in this year’s Convention, help ensure a global perspective for our science. To continue the trajectory toward an international scientific community, we are co-sponsoring two events in Europe this year, with the European Society for Cognitive Psychology (ESCOP) this August in Budapest, Hungary, and the European Association for Developmental Psychology (EADP) this coming September in Lausanne, Switzerland.

On another issue with implications for virtually all areas of science, APS has been centrally involved in efforts to strengthen the scientific enterprise through improvements in replication and related research methods. Among other things, the association is working with federal research agencies, other science organizations, and journal publishers to develop editorial policies that encourage replication and greater openness in data analysis. You can learn more at the multi-disciplinary theme program on Friday: Building a Better Psychological Science: Good Data Practices and Replicability (see page 50 for details).

As you participate in this meeting over the next few days, I hope you will also take some time to consider APS’s incredible record of achievements during its relatively short life, a record that reflects the efforts of countless individuals who have volunteered their time and expertise along the way, but also reflects the leadership and tireless energy of founding Executive Director Alan G. Kraut and his dedicated staff, to whom we owe special gratitude. APS started with just 400 members (some of whom will be at this Convention – be sure to thank them!) and 25 years later has grown to 25,000; publishes the most prestigious journals in our field; is widely recognized as the most effective voice for scientific psychology in the public arena, and of course, organizes a wonderful annual convention – all in the interest of advancing psychological science for the greater good. We can all be extremely proud of this organization and of our discipline.

Please enjoy this terrific event and happy birthday to us all!
Committee Chair
Janet B. Ruscher
Tulane University

Ozlem Ayduk
University of California, Berkeley

Suzanne T. Bell
DePaul University

Howard Berenbaum
University of Illinois at Urbana-Champaign

Pamela Davis-Kean
University of Michigan

Howard N. Garb
Wilford Hall Ambulatory Surgical Center

Preston Garraghty
Indiana University

Ellen Hamaker
Universiteit Utrecht, The Netherlands

Jeffrey Holmes
Ithaca College

Michael Inzlicht
University of Toronto, Scarborough, Canada

Arnaud Rey
CNRS & Aix-Marseille University, France
An anniversary is a temporal nexus, providing the anchor from which to cast our minds into the past as well as the future. Where have we been? Where are we going?

Twenty-five years ago, the nascent American Psychological Society held its First Convention just across the Potomac in Alexandria, VA. Its 500 posters were exhibited at the Old Colony Inn, and 20-some invited addresses and symposia filled the nearby Ramada. Oh how we have grown: Over 2,500 posters, double the number of invited addresses and symposia, 100 symposia submitted by the membership, cross-cutting themes, award addresses, workshops, satellite meetings, and area tracks. In the 25th Convention of the Association for Psychological Science, we see a group with a new name that reflects the international diversity of APS and this annual meeting. We have come of age.

Looking into the past, we also are reminded of the members that we have lost along the journey: Paul Meehl, gone these 10 years now, 2013 Cattell Fellow Susan K. Nolen-Hoeksema, who passed tragically earlier this year, and J. Richard Hackman, also a 2013 Cattell Fellow, who, at the First Convention, gave us lessons from “Groups that fly.” On Saturday, symposia in their honor remind us poignantly where we have been and, thanks to their scholarship, where we are prepared to go. So where are we going?

Looking toward the future, we see a confluence of psychological science disciplines, and this meeting reflects that diversity. The Regulating the World, Regulating the Mind cross-cutting theme program tackles the notions of regulation that intersect industrial/organizational psychology, neuroscience, emotion, social psychology and developmental science. The Biological Bases of Social Behavior theme examines love, isolation, prejudice, emotion, and cultural practice with respect to the biological underpinnings of hormones, neural connectivity, brain activity and gene expression. With our coming of age also comes responsibility: to be sure that our work is replicable, that our data are collected and analyzed with integrity, and that our publication and funding practices facilitate Building a Better Psychological Science.

It was my pleasure to work with the Program Committee in planning this Annual Convention. Their collaborative efforts assembled a collection of programs that showcase our interconnected and diverse science.

Our anniversary is a temporal nexus, but our anniversary Convention also makes it a spatial one. Enjoy this time in which the plurality of psychological science is united in space and purpose. And bring on the next 25 years.

Janet B. Ruscher
Tulane University
Chair, 2013 APS Convention Program Committee
Welcome

25th Annual Convention
Association for Psychological Science

May 23, 2013

As Mayor of the District of Columbia, it is my pleasure to welcome the members of the Association for Psychological Science for your 25th Annual Convention.

As you gather to promote, protect and advance psychological science worldwide, please continue to help shape our understanding of mental health and emotional behavior. Thank you for your continued leadership and conscientious contributions. While you reflect on your past accomplishments, discuss new ideas and share best practices, please enjoy the monuments, museums, restaurants and diverse neighborhoods that help enrich this city – our nation’s capital.

On behalf of the District of Columbia, you have my best wishes for a productive event.

Vincent C. Gray
Mayor, District of Columbia
Meet the Legends

Get your piece of history. These champions of psychological science are signing their books at the APS Annual Convention.

**Michael S. Gazzaniga**
- *Who’s in Charge?: Free Will and the Science of the Brain*
- *Human: The Science Behind What Makes Us Unique*
- *The Ethical Brain: The Science of Our Moral Dilemmas*

Gazzaniga will sign copies of his books immediately following his Keynote Address on Thursday, May 23.

**Roy F. Baumeister**
- *Willpower: Rediscovering the Greatest Human Strength*
- *Is There Anything Good About Men?*

Baumeister will sign copies of his books immediately following his APS Award Address on Friday, May 24.

**Diane F. Halpern**
- *Undergraduate Education in Psychology: A Blueprint for the Future of the Discipline*
- *Sex Differences in Cognitive Abilities (4th edition)*

Halpern will sign copies of her books immediately following her APS Award Address on Friday, May 24.

**Michael I. Norton**
- *Happy Money: The Science of Smarter Spending*

Norton will sign copies of his book immediately following his Invited Symposium on Saturday, May 25.

**Scott O. Lilienfeld**
- *50 great myths of popular psychology: Shattering widespread misconceptions about human behavior*
- *Brainwashed: The Seductive Appeal of Mindless Neuroscience*

Lilienfeld will sign copies of his books immediately following his APS Award Address on Friday, May 24.

**Daniel Kahneman**
- *Thinking, Fast and Slow*

Kahneman will sign copies of his book immediately following the Cross-cutting Theme Program “Building a Better Psychological Science: Good Data Practices and Replicability” on Friday, May 24.

**Susan T. Fiske**
- *Social Cognition: From Brains to Culture*
- *Envy Up, Scorn Down: How Status Divides Us*

Fiske will sign copies of her books immediately following the Cross-cutting Theme Program “Biological Bases of Social Behavior” on Saturday, May 25.

**Barbara L. Fredrickson**
- *Love 2.0: How Our Supreme Emotion Affects Everything We Feel, Think, Do, and Become*
- *Positivity*

Fredrickson will sign copies of her books immediately following her Invited Symposium on Saturday, May 25.

**Daniel Willingham**
- *When Can You Trust the Experts: How to Tell Good Science from Bad in Education*
- *Why Don’t Students Like School: A Cognitive Scientist Answers Questions About How the Mind Works and What It Means for the Classroom*

Willingham will sign copies of his books immediately following his STP Talk on Saturday, May 25.

**Geoff Cumming**
- *Understanding The New Statistics: Effect Sizes, Confidence Intervals, and Meta-Analysis*

Cumming will sign copies of his book immediately following his workshop on Sunday, May 26.
GENERAL INFORMATION

Registration
Registration for the 25th APS Annual Convention includes all educational sessions (unless otherwise noted); poster sessions; Opening Ceremony, Keynote Address, and Opening Reception (Thursday); Presidential Symposium and Friday Night Reception; Bring the Family Address and Saturday Night 25@25 Celebration & Special Concert; and coffee breaks. Separate registration is required for the 20th Annual APS-STP Teaching Institute.

Location and Hours
The APS Registration Desk is located on the Lobby Level just off the main lobby of the Washington Marriott Wardman Park. Registration hours are:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Wednesday, May 22</td>
<td>4:00 PM – 8:00 PM</td>
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<tr>
<td>Thursday, May 23</td>
<td>7:00 AM – 9:00 PM</td>
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<td>Friday, May 24</td>
<td>7:00 AM – 6:00 PM</td>
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<td>Saturday, May 25</td>
<td>7:00 AM – 6:00 PM</td>
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<tr>
<td>Sunday, May 26</td>
<td>7:00 AM – 2:00 PM</td>
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</tbody>
</table>

20th Annual APS-STP Teaching Institute
The Teaching Institute is sponsored by the Association for Psychological Science and the Society for the Teaching of Psychology. The day-long program offers informative talks and practical advice from experts on the teaching of psychology. See page 95 for schedule.

Poster Sessions
Please see the APS website (www.psychologicalscience.org/convention) or the “APS2013” mobile app for times and locations of poster sessions. Posters may be stored at the poster check station next to the APS Registration Desk on the Lobby Level of the Washington Marriott Wardman Park.

Name Badges
APS requires name badges for admission to all meeting rooms, the Exhibit Hall, and social events. Non-transferable name badges will only be issued to persons who have registered for the 25th APS Annual Convention.

Convention Program
Attendees receive one APS Program book. The program is available online at www.psychologicalscience.org/convention. The “APS2013” mobile app also includes the full program and list of posters.

Subject Areas
For your convenience, the broad subject area of each program is noted at the end of each presentation and poster.

Workshops
Workshops are open to APS Convention and Teaching Institute registrants only. Separate registration is required for all workshops. Except where noted, there is a modest fee for workshop registration (students: $35; all others: $60). You can register at the APS Registration Desk on the Lobby Level of the Washington Marriott Wardman Park. Refer to page 23 for more information on workshops.

Continuing Education Credits
Continuing education for psychologists is sponsored by the Psychology Department at the Wilford Hall Ambulatory Surgical Center, which is approved by the American Psychological Association to sponsor continuing education for psychologists. WHASC maintains responsibility for this program and its content. Point of contact for the CE Program is Howard N. Garb. He can be reached at howard.garb@us.af.mil.

Fees
Registration fees are based on the APS membership categories listed below. APS membership must be current to receive the APS Member or Student Affiliate rate:

- **APS Member**: Convention: $340, Teaching Institute: $260, Both: $450
- **APS Student Affiliate**: Convention: $225, Teaching Institute: $180, Both: $250
- **Non-Member**: Convention: $575, Teaching Institute: $260, Both: $750

Program Kiosks
Electronic Convention program kiosks are available for your use. See maps on page 111 for locations. As a courtesy to your colleagues, please limit the time you spend at a computer kiosk if others are waiting.

Exhibit Hall
Attendees are encouraged to visit the APS Exhibit Hall located in Exhibit Hall A in the Washington Marriott Wardman Park. The Exhibit Hall will be open during poster sessions at the 25th APS Annual Convention. Exhibit Hall hours are:

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Thursday, May 23</td>
<td>8:00 PM – 9:30 PM</td>
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<td>Friday, May 24</td>
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</tr>
<tr>
<td>Sunday, May 26</td>
<td>8:30 AM – 2:00 PM</td>
</tr>
</tbody>
</table>

For more information about exhibits and exhibitors, see the exhibits section on page 89.

APS Convention Mobile App
With the free “APS2013” app you can search the full APS Convention program and poster schedule to create a custom schedule for a personalized meeting experience. Search the program by day, keyword, and speaker name to build your itinerary. The mobile app is available for iPhone, iPad, and Android devices. If you don't have one of those “smart” devices, a web version is available at: www.psychologicalscience.org/aps2013

Hotel
All program activities for the 25th APS Annual Convention will take place at the Washington Marriott Wardman Park (2660 Woodley Road NW Washington, DC, USA 20009; +1 202.234.0015; www.marriott.com). Maps of the Washington Marriott Wardman Park can be found at the back of this program.

For posters and full program details, use the convention app “APS2013” or visit www.psychologicalscience.org/convention.
EVENTS AREA
APS EXHIBIT HALL A - EVENTS AREA

Thursday, May 23
8:15 PM - 8:45 PM
Meet the Legend
Michael S. Gazzaniga Book Signing

Saturday, May 25
9:00 AM - 10:20 AM
APS Student Caucus RISE
Award Addresses

11:00 AM - 12:20 PM
APS Student Caucus Student
Research Award Addresses

1:00 PM - 1:30 PM
Come Meet Us
Meet Sona Systems and find out who won
the coveted iPad Mini! Visit Booth 316 to learn more.

2:30 PM - 3:30 PM
APS Student Caucus Student
Award Posters
(Presented during Poster Session XII)

Friday, May 24
10:00 AM - 10:25 AM
The Center for the History
of Psychology:
A Home for the Discipline’s Heritage
Cathy Faye, Center for the History of Psychology,
The University of Akron

11:30 AM - 12:30 PM
Encore!
Michael S. Gazzaniga’s
APS Keynote Address

1:00 PM - 2:00 PM
World Premiere!
An Interview with Jerome S. Bruner

Sunday, May 26
10:00 AM - 11:00 AM
Encore!
Morton Ann Gernsbacher’s
Bring the Family Address

11:30 AM - 12:30 PM
Encore!
Inside the Psychologist’s Studio:
An Interview with Jerome S. Bruner

IN D I A N A  U N I V E R S I T Y
We celebrate our legacy this year:
October 11-12, 2013
Reunions • Symposia • Cocktail Party
Banquet • Alumni Awards
www.psych.indiana.edu

We provide online coverage

18 For posters and full program details, use the convention app *APS2013* or visit www.psychologicalscience.org/convention.
Internet Access
APS is pleased to provide meeting attendees with complimentary wireless Internet access in guest rooms and throughout the meeting space and lobby of the Washington Marriott Wardman Park. To connect, select any available Marriott wireless network and enter conference code APS2013 when prompted.

Concierge
The Washington Marriott Wardman Park staff will gladly assist with show tickets, restaurant reservations, city tours, and general information about Washington, DC, USA. Assistance is available at the Concierge Desk on the Lobby Level daily during hours of operation.

Photography Release
As part of your registration for the 25th APS Annual Convention, APS reserves the right to use professional photographs taken during the Convention for future marketing purposes.

ADA Accessibility/Accommodations
APS is committed to ensuring that the Convention is fully accessible to all persons. If you have a specific dietary or accessibility requirement, please contact Jenifer Stauder at the APS Registration Desk and every effort will be made to accommodate your request. The Washington Marriott Wardman Park is fully equipped to accommodate special needs. Please identify your requirements to a Marriott agent at the hotel registration desk.

Smoking Policy
The hotel is a smoke free building. All guest rooms, public space, and restaurants are non-smoking. Designated smoking areas are available outside.
Keynote Address

Unity in a Modular World
Michael S. Gazzaniga
University of California, Santa Barbara

Thursday, May 23
6:00 PM - 8:00 PM • Salons 2 & 3

Presidential Symposium

Learning and Memory: Molecules to Mind
Joseph E. Steinmetz (Chair)
The Ohio State University

Friday, May 24
6:00 PM - 7:30 PM • Salons 2 & 3

Bring the Family Address

Diverse Brains
Morton Ann Gernsbacher
University of Wisconsin-Madison

Saturday, May 25
6:00 PM - 7:00 PM • Salons 2 & 3

APS David Myers Distinguished Lecture on the Science and Craft of Teaching Psychology

Multi-tasking in the Automobile
David L. Strayer
University of Utah

Friday, May 24
4:00 PM - 4:50 PM
Thurgood Marshall
Ballroom North & East

Psi Chi Distinguished Speaker

Liars Liars Everywhere, and an Apathetic Psychology Does Not Seem to Care
Charles R. Honts
Boise State University

Friday, May 24
5:00 PM - 5:50 PM
Thurgood Marshall
Ballroom North & East

Observer Convention News Coverage

Videos – Photos - Reports
Session and Event Coverage – Daily Updates

www.psychologicalscience.org/observer
Awards Addresses

APS William James Fellows
Honoring individuals for their lifetime of significant intellectual contributions to the basic science of psychology

What Is the Self?
Roy F. Baumeister
Florida State University
Friday, May 24
2:00 PM - 2:50 PM
Thurgood Marshall Ballroom North & East

Emotional Impact
Gerald L. Clore
University of Virginia
Friday, May 24
10:00 AM - 10:50 AM
Thurgood Marshall Ballroom North & East

Experiential, Genetic, and Epigenetic Effects in Human Neurocognitive Development
Helen J. Neville
University of Oregon
Friday, May 24
3:00 PM - 3:50 PM
Thurgood Marshall Ballroom North & East

APS James McKeen Cattell Fellows
Honoring individuals for their lifetime of significant intellectual achievements in applied psychological research and their impact on a critical problem in society at large

J. Richard Hackman
Harvard University
APS notes with great sadness the passing of J. Richard Hackman on January 8, 2013. The invited symposium “Tribute to J. Richard Hackman: So There is an ‘I’ in Teams… and a ‘We’… and a ‘Circumstance’…” will be held in his honor.
Saturday, May 25
10:30 AM - 12:20 PM • Harding

Psychology’s Public Image Problem: Why Many Laypersons and Politicians Don’t View Our Field as Scientific
Scott O. Lilienfeld
Emory University
Friday, May 24
1:00 PM - 1:50 PM
Thurgood Marshall Ballroom North & East

The Psychological Science Behind Hyperpartisanship and What to Do About It
Diane F. Halpern
Claremont McKenna College
Friday, May 24
11:00 AM - 11:50 AM
Thurgood Marshall Ballroom North & East

Developmental Mechanisms in Psychopathology: The Permeable Boundary Between Behavior and Biology
Elaine F. Walker
Emory University
Friday, May 24
9:00 AM - 9:50 AM
Thurgood Marshall Ballroom North & East

SSCP Distinguished Scientist Award Address
Understanding and Reducing Risk for Depression
Ian H. Gotlib
Stanford University
Friday, May 24
3:00 PM - 3:50 PM • Washington 5
GLN Consulting
Providing custom teaching solutions that work.

GLN Consulting offers specialized service packages that involve working with teachers online to provide assistance in helping their students develop and refine their thinking skills through engagement in explanatory modeling activities. We collaborate online with teachers to individually tailor each service package to teacher and student needs.

All our specialized service packages include assistance on:
1. Creating explanatory modeling activities that resemble those scientific practices that often contribute to theory development and change by producing novel insights and conceptual innovation.
2. Providing students with processing strategies for performing these tasks, instructions for carrying out these strategies, and reasons for each cycle of activities involved.
3. Providing students with scaffolding (core concepts) for learning to use these processing strategies.
4. Integrating student engagement in these activities with teaching methods and instructional resources in a way that achieves course and/or departmental objectives.

Our Interactive website makes consulting both convenient and inexpensive:
1. Consulting is done through email and by website chat widget at times that fit a teacher’s busy schedule.
2. All consulting is done online, so teachers and/or departments incur no additional travel expenses.

For a more detailed description of our services, look at the Back Page Ad of the At-A-Glance Quick Guide, then, visit our website (glnconsulting.info) and the GLN Consulting exhibit at Booth #107.
WORKSHOPS

Separate registration is required for all workshops, which are open to Convention and/or Teaching Institute registrants only. Except where noted, there is a modest fee for workshop registration (students: $35; all others: $60. Register for workshops at the APS Registration Desk located on the Lobby Level.

Thursday, May 23
9:00 AM - 11:50 AM    Harding

ERP Analyses: Simple Tips to Significantly Up Your Game*
Guillaume A. Rousselet, University of Glasgow, United Kingdom

Thursday, May 23
9:00 AM - 12:50 PM    Thurgood Marshall Ballroom North

Multilevel Modeling*
Elizabeth Page-Gould, University of Toronto, Scarborough, Canada

Thursday, May 23
9:00 AM - 12:50 PM    Wilson A

Introduction to Structural Equation Modeling*
Gregory R. Hancock, University of Maryland

Thursday, May 23
1:00 PM - 2:50 PM    Wilson B-C

National Institutes of Health (NIH) Funding for Basic Psychological Science
Chair: Rebecca A. Ferrer, National Cancer Institute

Presenters:
William N. Elwood, National Institutes of Health, Office of Behavioral and Social Sciences Research
Rosalind King, National Institute of Child and Human Development
Lisbeth Nielsen, National Institute on Aging
Melissa Riddle, National Institute of Dental and Craniofacial Research
Janine Simmons, National Institute of Mental Health
Cheri Wiggs, National Eye Institute
Jerry M. Suls, University of Iowa (former Chair of Behavioral Medicine: Interventions and Outcomes Standing NIH Review Panel)
David M. Williams, Brown University (served on NCI Small Grants Special Emphasis Panel)
Jamie Arndt, University of Missouri-Columbia (member of the Social Psychology, Personality, and Interpersonal Processes Standing NIH Review Panel)
Monica Basco, Center for Scientific Review at the National Institutes of Health (Scientific Review Officer for the Social Psychology, Personality, and Interpersonal Processes Standing NIH Review Panel)

Thursday, May 23
1:00 PM - 4:50 PM    Taft

Writing and Communicating With the General Public
Hans Uzerman, Tilburg University, The Netherlands
Scott Sleek, Association for Psychological Science

Thursday, May 23
1:30 PM - 5:20 PM    Harding

Longitudinal Exploratory Data Mining*
John J. McArdle, University of Southern California

Thursday, May 23
1:30 PM - 3:20 PM    Wilson A

Multilevel Mediation Analysis*
Andrew F. Hayes, The Ohio State University

Thursday, May 23
1:30 PM - 4:20 PM    Thurgood Marshall Ballroom North

Doing Bayesian Data Analysis*
John K. Kruschke, Indiana University Bloomington

Thursday, May 23
1:00 PM - 4:50 PM    Wilson A

Writing and Communicating With the General Public
Hans Uzerman, Tilburg University, The Netherlands
Scott Sleek, Association for Psychological Science

Friday, May 24
1:00 PM - 4:50 PM    Harding

Advances in Latent Variable Modeling Using Mplus Version 7*
Bengt O. Muthén, University of California, Los Angeles

Sunday, May 26
1:00 PM - 10:50 AM    Wilson C

Introduction to Experiment Building With OpenSesame*
Sebastiaan Mathôt, Aix-Marseille Université, France

*Cosponsored by the Association for Psychological Science (APS) and the Society of Multivariate Experimental Psychology (SMEP).
For posters and full program details, use the convention app “APS2013” or visit www.psychologicalscience.org/convention.

**STUDENT EVENTS**

### APS Student Caucus

**Thursday, May 23**

9:00 PM - 12:00 AM  
**Uptown Tap House**

**APSSC Convention Kickoff and Student Social**
The APS Student Caucus welcomes student affiliates and provides information about all of the great student events at the convention. The event is at Uptown Tap House, located at 3412 Connecticut Avenue, NW. Please remember to bring ID, as well as your APS Convention Badge. District law requires that you must be at least 21 years old to enter the establishment.

**Directions:** The Uptown Tap House is a short walk (.7 miles) north on Connecticut Ave NW. The Cleveland Park Metro station is one block from the Uptown Tap House (take the Metro next to the Marriott Wardman Park Hotel in the direction of Shady Grove).

Co-sponsored by

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**Friday, May 24**

9:30 AM - 9:55 AM  
**Tyler Campus Representatives Meeting**  
Chair: **Andrew S. Sage**, University of Missouri, Columbia

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**Friday, May 24**

10:00 AM - 11:50 AM  
**Thurgood Marshall Ballroom South**

**How to Get Published: Guidance From Journal Editors**  
Chair: **Kathryn R. Klement**, Northern Illinois University

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**Friday, May 24**

1:00 PM - 1:55 PM  
**Thurgood Marshall Ballroom South**

**The Naked Truth Part I: Getting into Graduate School**  
Chair: **James J. Hodge**, University of Vermont

**Panelists:**
- **Allison D. Cantor**, Duke University
- **Alyssa Fritz**, University of Florida
- **Tatiana Rojas Ospina**, University of Connecticut
- **Jessica Schubert**, Binghamton University, State University of New York

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**Friday, May 24**

2:00 PM - 2:55 PM  
**Thurgood Marshall Ballroom South**

**The Naked Truth Part II: Surviving Graduate School**  
Chair: **Ian Hussey**, National University of Ireland, Maynooth

**Panelists:**
- **Laura C. Wilson**, Virginia Polytechnic Institute and State University
- **Jessica T. Wong**, University of Chicago
- **Stephen T. Slota**, University of Connecticut

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**Friday, May 24**

3:00 PM - 3:55 PM  
**Thurgood Marshall Ballroom South**

**The Naked Truth Part III: Navigating the Job Market After Graduate School**  
Chair: **Jessica T. Wong**, University of Chicago

**Panelists:**
- **Andrew Leynes**, The College of New Jersey
- **Ian M. McDonough**, University of Texas at Dallas
- **Wendy Berry Mendes**, University of California, San Francisco
- **Jennifer Wright**, Altisource Solutions

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**Saturday, May 25**

9:00 AM - 10:20 AM  
**APS Exhibit Hall A - Events Area**

**RISE Award Addresses**  
Chair: **Kris Gunawan**, University of Nevada, Las Vegas

**Presenters:**
- **David R. Kille**, University of Waterloo, Canada
- **Taralee Hamner**, Georgia State University
- **Jennifer C. Duckworth**, Indiana University
- **Megan E. Sutter**, Virginia Commonwealth University

**Honorable Mentions:**
- **Elizabeth Tull**, University of Maine
- **Bernadette Blanchfield**, University of Virginia
- **Nicholas Alt**, College of William & Mary
- **Tyler Mason**, Old Dominion University
- **Jennifer Wang**, University of Maryland, College Park
- **Mengni Brown**, Linfield College

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Continued ➔
For posters and full program details, use the convention app “APS2013” or visit www.psychologicalscience.org/convention.

**Psi Chi Symposium**

Friday, May 24  
9:00 AM - 10:20 AM  
Taft  
Advisor or Mentor? Definitions, Student Perceptions, and Advancing the Science of Psychology Through Psi Chi  
Chair: Jason Young, Hunter College, The City University of New York

Presenters:  
Susan Amato-Henderson, Michigan Technological University  
Maria J. Lavooy, Florida Institute of Technology  
Martha S. Zlokovich, Psi Chi

**Psi Chi Symposium**

Friday, May 24  
10:30 AM - 11:50 AM  
Taft  
Undergraduates Collectively Advancing Science While Becoming Researchers  
Chair: Jon Grahe, Pacific Lutheran University

Presenters:  
Robin Musselman, Lehigh Carbon Community College  
Roger Giner-Sorolla, University of Kent, United Kingdom  
Brian Nosek, University of Virginia

**Psi Beta Workshop**

Friday, May 24  
1:00 PM - 1:50 PM  
Taft  
Self-regulation: Teaching Students About Their Greatest Inner Strength and How to Improve It  
C. Nathan DeWall, University of Kentucky

**Psi Chi Distinguished Speaker**

Friday, May 24  
5:00 PM - 5:50 PM  
Thurgood Marshall Ballroom North & East  
Liars Liars Everywhere, and an Apathetic Psychology Does Not Seem to Care  
Charles R. Honts, Boise State University

**Student Research Award Addresses**

Chair: Ian Hussey, National University of Ireland, Maynooth

**Champions of Psychological Science**

Chair: Jessica T. Wong, University of Chicago

Champions:  
Susan A. Gelman, University of Michigan  
Diane F. Halpern, Claremont McKenna College  
Elizabeth F. Loftus, University of California, Irvine  
Brenda Major, University of California, Santa Barbara  
Hal E. Pashler, University of California, San Diego  
Robert S. Siegler, Carnegie Mellon University  
Bethany A. Teachman, University of Virginia  
Elaine F. Walker, Emory University

**Honorable Mentions**

Marie Forgeard, University of Pennsylvania  
Natasha Tonge, University of Pennsylvania  
Patricia Chen, University of Michigan  
Joelle Jobin, Concordia University  
Nicholas Jacobson, Pennsylvania State University  
Miriam Eisenberg, George Washington University  
Cailin Clinton, Virginia Polytechnic Institute and State University  
Andrew Pilecki, University of California, Santa Cruz

#aps2013dc

**APS Postdoc Exchange**

The APS Postdoc Exchange is a free and searchable resource that provides a direct connection between those offering postdoctoral positions and those searching for them. Nearly 500 positions from 19 countries have been advertised. The Exchange is the best way to advertise postdoctoral openings to candidates across all of psychological science and related disciplines. Search and place listings at:

www.psychologicalscience.org/postdoc-exchange

For posters and full program details, use the convention app “APS2013” or visit www.psychologicalscience.org/convention.

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Renew acquaintances, make new connections, and network with fellow attendees

Opening Reception
8:00 PM - 9:30 PM | APS Exhibit Hall A
Light hors d’oeuvres will be served
Sponsored by

Friday Night Reception
7:30 PM - 9:00 PM | Salon 1
Light hors d’oeuvres will be served
Sponsored by

25@25 Celebration and Concert
7:00 PM - 9:00 PM | Salon 1
Grab your parachute pants, Aquanet, and leg warmers and join your APS friends and colleagues for an 80s-inspired reception celebrating 25 years of APS and psychological science. The 25@25 Celebration features a special concert to rock out science that’s, like, totally awesome! Tonight as we go back to 1988 to celebrate APS’s founding, we’re rolling back happy hour prices to $2.50 per drink in celebration of our 25th.

Meet the Band

Parthenon Huxley
Recording artist, Singer/Songwriter, Guitarist, Producer, Lecturer, Teacher

Daniel J. Levitin
McGill University, Canada

Bianca Levy
McGill University, Canada

Peter Q. Pfordresher
University at Buffalo, State University of New York

Anthony Wellington
Musician/Bassist, Educator/Owner of Bassology, Owner/Operator of AntFarm Recording Studios

Robert W. Levenson
University of California, Berkeley and Past APS President

Kevin Feyen
Worth Publishers and former guitarist with the Black Eyed Peas

Laurel Krokstrom
University of South Dakota

Sponsored by
Workshop
Thursday, May 23
1:00 PM - 2:50 PM
Wilson B-C
National Institutes of Health (NIH) Funding for Basic Psychological Science
Chair: Rebecca A. Ferrer, National Cancer Institute

Presenters:
William N. Elwood, National Institutes of Health, Office of Behavioral and Social Sciences Research
Rosalind King, National Institute of Child and Human Development
Lisbeth Nielsen, National Institute on Aging
Melissa Riddle, National Institute of Dental and Craniofacial Research
Janine Simmons, National Institute of Mental Health
Cheri Wiggs, National Eye Institute
Jerry M. Suls, University of Iowa (former Chair of Behavioral Medicine: Interventions and Outcomes Standing NIH Review Panel)
David M. Williams, Brown University (served on NCI Small Grants Special Emphasis Panel)
Jamie Arndt, University of Missouri-Columbia (member of the Social Psychology, Personality, and Interpersonal Processes Standing NIH Review Panel)
Monica Basco, Center for Scientific Review, National Institutes of Health (Scientific Review Officer for the Social Psychology, Personality, and Interpersonal Processes Standing NIH Review Panel)

Clinical Science Forum
Thursday, May 23
1:30 PM - 3:00 PM
Delaware Suite A
From Revolution to Legislation: The NIMH Research Domain Criteria Project
Chair: Bruce N. Cuthbert, National Institute of Mental Health
Discussant: Robert F. Krueger, University of Minnesota
Discussant: Elaine F. Walker, Emory University
1.5 CE Credits available to psychologists (see page 17 of program).

3:30 PM - 5:00 PM
Delaware Suite A
Beyond the Guild: Innovative Models to Expand Dissemination Science in Mental Health
Chair: Marc S. Atkins, University of Illinois, Chicago
Chair: Kimberly Eaton Hoagwood, New York University

Presentations:
Mary M. McKay, New York University
Jennifer Watling Neal, Michigan State University
Lawrence Wissow, Johns Hopkins University
Discussant: David Chambers, National Institute of Mental Health
1.5 CE Credits available to psychologists (see page 17 of program).

Continued ⦁
Learn more about funding opportunities at the National Institutes of Health (NIH) at Booth 121.

APS Exhibit Hall A during exhibit hall hours.
Invited Symposium

Saturday, May 25
9:00 AM - 10:20 AM
Virginia Suite B

Undergraduate Education at the NSF: An Underutilized Source of Funding for Teaching and Research in Psychology
Chair: Dwight A. Krehbiel, Bethel College

Presentations:
Maureen Erber, Northeastern Illinois University
Harold H. Greene, University of Detroit, Mercy
Paul Moes, Calvin College
Myles Boylan, National Science Foundation

National Science Foundation Poster

Friday, May 24
10:00 AM - 11:00 PM
APS Exhibit Hall A

Poster Session III
III-NSF001 The Science of Broadening Participation: Exploring Opportunities for Research Support in Psychology
Kellina M. Craig-Henderson, Howard University and National Science Foundation

Milgram’s Shock Simulator Exhibit

Stanley Milgram’s simulated shock generator used in his studies of obedience is making an appearance at the APS Convention. Milgram was surprised to find that 65 percent of his participants fully complied with an experimenter’s directives to deliver shocks to an innocent victim.

Visit the Center for the History of Psychology booth (302) in APS Exhibit Hall A to see this piece of history.

The Center for the History of Psychology, a Smithsonian Institution affiliate, seeks to preserve and promote the historical record of psychology and related human sciences. Through the Museum of Psychology and the Archives of the History of American Psychology, the Center gathers primary source material for research, interpretation and education.
Gerald L. Clore

2013 APS
William James Fellow

With Warm Wishes –
Your Friends and Colleagues at the University of Virginia
Join the more than 2,000 psychological scientists who are taking part in the initiative to improve public understanding of our field.

- **Classroom Writing Assignments**: under the supervision of their professors, students are using Wikipedia entries as course writing assignments. The APSWI portal helps set up a class, makes assignments, tracks individual student contributions, and supports peer review.

- **Volunteer Editors**: APS members are updating and editing articles on psychological science for accuracy and completeness.

- **Volunteer Raters**: APS members are rating Wikipedia article quality.

**WEBINAR**

*Using Wikipedia Writing in Psychology Classes*

to watch the webinar scan the code or go to www.psychologicalscience.org/apswi

For classroom resources and to join the effort, visit the url:

[www.psychologicalscience.org/apswi](http://www.psychologicalscience.org/apswi)

Have a smart phone? Just scan the code.
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2013 APS James McKeen Cattell Fellow
Keynote Address

Unity in a Modular World

Michael S. Gazzaniga
University of California, Santa Barbara

The Keynote Address is preceded by the presentation of awards.

**APS William James Fellow Award**

Roy F. Baumeister  
Florida State University

Helen J. Neville  
University of Oregon

Gerald L. Clore  
University of Virginia

**APS James McKeen Cattell Fellow Award**

J. Richard Hackman  
Harvard University

Scott O. Lilienfeld  
Emory University

Diane F. Halpern  
Claremont McKenna College

Elaine F. Walker  
Emory University

**APS Mentor Award**

Lila R. Gleitman  
University of Pennsylvania

Robert W. Levenson  
University of California, Berkeley

Michael T. Turvey  
University of Connecticut

**APS Janet Taylor Spence Award For Transformative Early Career Contributions**

Daniel Casasanto  
The New School

Lea R. Dougherty  
University of Maryland, College Park

Sari M. van Anders  
University of Michigan

Brian M. D’Onofrio  
Indiana University

Yulia Kovas  
Goldsmiths College, University of London, United Kingdom

Felix Warneken  
Harvard University

Other awards and recognition:

Psi Chi/APS Albert Bandura Graduate Research Award

APS Student Caucus Awards

Society for a Science of Clinical Psychology Distinguished Scientist Award