



June 2008

*Enhancing collaboration and co-operation between basic and applied
researchers in memory and cognition*

Message from the Executive Director
Mike Toglia

It is hard to believe that it has been nearly a year since we held our biennial conference, SARMAC VII, at Bates College. Similarly, we are only about a year away from SARMAC VIII in Kyoto, Japan. Kaz Mori and his organizing committee have made great progress as they march towards the Society's next conference in July 2009. For details concerning the latest about the Kyoto meeting, please read Kaz's piece on SARMAC 8 in this newsletter.

As you will see in Kaz's article, he weighs the pros and cons of expanding attendance at our biennial meetings. I urge you to contact him (and copy me) if you'd like to participate in that conversation. Speaking of numbers, recall we set a record with nearly 300 members in 2007. While I believe we will match this in 2008, as of this writing we are at about 210 members. I must admit I thought we would be higher than this at mid year. Starting last fall, over the months I have sent out 3 reminders to rejoin in 2008. If you have not yet renewed your SARMAC membership or have let it lapse for a year or two, please take a moment to go to www.sarmac.org and sign up for 2008 membership. Beyond renewals, we do have a number of new members and in this regard our press officer Linda Henkel is exploring ways to further increase the Society's membership. As I have said previously I am particularly interested in advertising initiatives and seeking new members from countries that are not currently represented in the society.

With membership everyone receives *Applied Cognitive Psychology* and *Cognitive Technology* (CT). Cognitive Technology has recently selected Steve Fiore as its new editor. He has begun to reshape who they are as well as put forth a vision for the journal. I believe you will find his ideas to be both refreshing and exciting. Please read Steve's CT update in this newsletter.

I am beginning to give thought to the location of the 2011 meeting. In fact, Rod Lindsay and I are revisiting his offer from about 2 years ago when we were also considering the Kyoto site. Some of you may recall that Rod's institution, Queens University, has a "branch campus" which is a castle near

London. This location is very very popular and so before we explore this any further Rod is checking on it availability in July 2011. If you have suggestions about where we might meet next, please address them to me at toglia@cortland.edu.

I end this message with my good news. I will soon be leaving SUNY to begin a new position as chair of the psychology department at the University of North Florida. I am very much looking forward to this opportunity. I will make available my new email address once it is assigned sometime in July.

SARMAC VIII Biennial Conference
Kaz Mori

I am pleased to report on the ongoing progress for SARMAC Kyoto. First of all, the local organizing committee was expanded to include six more members, and then they elected Yukio Itsukushima as chair, Jun Kawaguchi as vice-chair and Yuji Itoh as secretary general of the committee at the beginning of the expanded local organizing committee meeting.

All the committee members are listed on the SARMAC Kyoto web page: <http://www.tuat.ac.jp/~sarmac/>. (As of this writing this web page is only a tentative one. Maryanne Garry will open the web page soon modifying the one used for SARMAC at Wellington, New Zealand where she hosted SARMAC VI.) The new web page will be used for the submission, registration, and other related procedures for the conference at Kyoto in July 2009. We have also enlisted the help of Amy Bradfield Douglass who hosted SARMAC VII at Bates College last year. She has sent us the timetable she employed for the Bates conference, and we are planning to follow a similar time schedule for the next conference.

The program committee has already nominated two invited speakers from overseas; Paula Hertel of Trinity University, and Randall Engle of Georgia Institute of Technology. Both have accepted the invitation. We are planning to invite two more speakers from overseas for the plenary sessions. As for Japanese invited speakers, we sent an invitation to Tetsuro Matsuzawa of Kyoto University and Ryuta Kawashima of Tohoku University, and they have replied positively. Tetsuro is

a research psychologist studying cognition of chimpanzees. The following is his official web site: <http://www.pri.kyoto-u.ac.jp/koudou-shinkei/shikou/shikou/staff/matsuzaw/index.html>. Ryuta is a neuro-physiologist studying functional brain imaging. He is famous as an inventor of video games to train the brain function run on Nintendo. You can see his research activities in his web page: <http://www.fbi.idac.tohoku.ac.jp/fbi/index.html>

During the first meeting of the Japanese organizing committee on June 1st, we discussed the ideal image of successful SARMAC meeting in Kyoto. We believe the attendance should not be less than 100 from overseas but it would be rather difficult to handle if it exceeds 200, because we also expect more than 50 attendants within Japan that may rise as high as 100. Our most ideal numbers are 150 from overseas and 100 from Japan.

The following is my idea only, not the official opinion of the committee. It would be nice to have a large number in attendance and it would be good to expand SARMAC's membership via the Kyoto conference. However, I am afraid it could compromise some good aspects of previous SARMAC meetings, namely that they have held small, but friendly gatherings in which just about everybody knows each other well. These characteristics are among the major differences from the other large conferences, such as the APA and APS conventions. If expanding attendance is a goal that the Society (members and Governing Board) wishes to pursue, perhaps it should be done gradually.

Applied Cognitive Psychology Update Graham Davies and Emma Sleath

Since the beginning of 2007, the three Editors, Graham Davies, Bob Belli and Martine Powell, together with two new Associate Editors, Robyn Fivush and Christian Meissner, have processed a total of 314 original manuscripts and revisions, a significant increase over last year's total of 255.

The decisions reached so far on the 2007 papers were as follows:

Decision

- ◆ Publish 58
- ◆ Revise/resubmit 144
- ◆ Reject 73

Using the APA standard formula, this gives an overall acceptance rate (for the 2007 year) of 36%: identical to last year's figure and very similar to the 2005 figure of 37%. For new manuscripts, the mean number of weeks from submission to date of action letter to the author(s) from an editor was approximately 17 weeks and for revisions, some 7 weeks. Lag

from acceptance to publication is currently running at approximately 9 months, with the manuscripts available earlier online on WileyInterscience (www.interscience.wiley.com).

Four additional European Associate Editors (Amina Memon and Noelle Robertson who are already on board; as well as Mark Blades and Tim Perfect who will come on stream later in the year) have recently been appointed to assist in dealing efficiently and promptly with the increased submissions. The journal operates an online submission and peer review system that allows authors to submit their articles online and track their progress via a web interface at <http://mc.manuscriptcentral.com/acp> <<http://mc.manuscriptcentral.com/acp>>

The latest impact factor for the journal is 1.257. My special thanks to my fellow editors for their continuing support and wise counsel.

New Editor for Cognitive Technology Stephen M. Fiore

Dr. Stephen M. Fiore of the University of Central Florida has recently taken over as editor of Cognitive Technology. Under the new editorship, Cognitive Technology is expanding its scope and reach in areas relating to cognition and technology (see www.cognitivetechnologyjournal.com). There has been tremendous growth in the disciplines seeking to understand human cognition, and research in cognitive technology can now be found far beyond the halls of psychology departments. Furthermore, the concept of "cognitive technology" encompasses a broad and tremendously important set of developing areas of inquiry, and the mission of Cognitive Technology is to be at the forefront of this exciting research.

We've enlisted the support of a talented interdisciplinary group of Associate Editors to lead a set of additional areas of coverage for the journal. These areas and their Associate Editors include:

- ◆ Modeling & Simulation – Dr. Rudy Darken
- ◆ Cognitive Models and Agent Technologies - Dr. Gregory Trafton
- ◆ Cognitive Systems Engineering – Dr. Jean MacMillan
- ◆ Human Factors – Dr. Florian Jentsch
- ◆ Cognitive Rehabilitation – Dr. Rick Parente (see www.cognitivetechnologyjournal.com/ascoed.php).

Our goal is to see this expanded scope not only help to grow the journal, but also to add visibility to SARMAC in a number of disciplines not familiar with the society or with Applied Cognitive Psychology. In short, our vision is to make the journal the focal point for realizing what Rich Walker and Doug Herrmann said so eloquently in their recent edited volume on technology and cognition - "the power of cognitive psychology lies in the promise of cognitive technology"

(Walker & Herrmann, 2005). For additional information or for general inquiries, please contact Stephen M. Fiore, at sfiore@ist.ucf.edu.

prevention of cognitive decline is currently in-press in AGING, NEURO-SCIENCE & COGNITION.

The Role of our Press Officer Linda Henkel

Greetings! I started as press officer for SARMAC last year just after our fabulous conference at Bates College. Although I do not know if there is some official description of my duties and responsibilities to the Society, I suspect that my role can be described as "spreading the word" and promoting the activities of the Society amongst ourselves, amongst the basic and applied research communities, and amongst the general publish.

During my first year, I have been developing a system in conjunction with the PR people at Wiley (the publishers of ACP) and the editors for issuing press releases so that we can get the word out to the public about the important research that we publish. I have also begun discussing some press issues with the Program Committee for our next conference in July 2009 in Kyoto, Japan. This will be an ongoing process beginning with the Call for Papers and hopefully culminating in some local and international coverage of SARMAC VIII. Lastly, to promote SARMAC more amongst an obvious audience - people who have published articles in ACP and Cognitive Technology in the past several years but are not currently members - I will be working with the Board and/or the Membership Committee to invite these authors to join our Society.

Being relatively new to this position, I welcome any suggestions on ways that I can better promote the Society. I can be contacted at: lhenkel@mail.fairfield.edu.

Healthy Cognitive Aging

Helga and Tony Noice continue to apply the results of their expertise investigations to the issue of healthy cognitive aging. Specifically, they were awarded their third NIA grant in a row to pursue their Arts Intervention in retirement homes. This latest award will investigate the issue of generalization. The intervention, heretofore performed only by the Noices, will be taught to directors of Senior Centers and housing facilities. The results will be measured by a battery of 11 standard pre-post cognitive/affective tests including the Instrumental Activities of Daily Living (IADL).

The results of the Noices' latest Intervention were presented at the annual Conference ON COGNITIVE AGING in Atlanta on April 13, 2008. Also, an article on their unique approach to the

Assistant Professor in Psychology and Law Gary Wells

The Psychology Department at Iowa State University invites applications for a tenure-track assistant professor in any aspect of psychology and law. Preference might be given to applicants who can affiliate with the Ph.D. programs in social psychology, cognitive psychology, or counseling psychology. Applicants who can contribute to an emerging quantitative emphasis in the department or to interests in developmental psychology may also be favored. But primary consideration will be given to those who have a record of publishing in top psychology journals and can teach an undergraduate course in psychology and law.

Review of applications will begin October 15, 2008 and continue until the position is filled. Candidates should send their vita, a cover letter describing research and teaching interests, relevant (p)reprints, and three letters of reference to: Gary Wells, Search Committee Chair, Department of Psychology, W112 Lagomarcino Hall, Iowa State University, Ames, IA 50011-3180. The department also plans to fill a second position in Social Psychology at the assistant or tenured associate level.

If interested in more details, please see our web site: <http://www.psychology.iastate.edu/>. Iowa State University is an Affirmative Action/Equal Opportunity Employer.

Books, Articles, Papers by SARMAC Members

Davies, G., Hollin, C. R., & Bull, R. (Eds.). (2008). *Forensic Psychology*. Wiley UK.

Forensic psychology is one of the fastest growing areas of applied psychology. Embracing both Criminological and Legal Psychology, it is concerned not only with how and why crime is committed but also with the investigation, detection and prosecution of offenders and their punishment and rehabilitation. Forensic Psychology is both broad enough to give comprehensive coverage and detailed enough to do justice to each aspect of this evolving field. The highly experienced editors have selected a team of authors to provide a cohesive teaching resource that is up-to-date and easy to use.

The text is divided into four parts:

- The Anatomy of Crime covers definitions and measurements as well as theories of why crime is committed.
- Investigating Crime includes interviewing victims, witnesses and suspects, detecting deception and identifying perpetrators.
- The Trial Process offers detailed coverage of judicial processes, safeguarding witnesses, evidence, and the role of experts in a number of contexts.
- After Sentencing includes a discussion of the role of sentencing and therapeutic work with offenders.

Forensic Psychology is essential reading for all undergraduate courses in forensic psychology and an excellent introduction for more detailed postgraduate courses. Extra resources for lecturers and students, such as PowerPoint slides, further reading, weblinks and essay questions are available at the following website: www.wileyurope.com/college/davies.

Porter, S. & ten Brinke, L. (2008). Reading between the lies: Identifying concealed and falsified emotions in universal facial expressions. *Psychological Science*, 19, 508-514.

The widespread supposition that aspects of facial communication are uncontrollable and can betray a deceiver's true emotion has received little empirical attention. We examined the presence of inconsistent emotional expressions and "microexpressions" (1/25–1/5 of a second) in genuine and deceptive facial expressions. Participants viewed disgusting, sad, frightening, happy, and neutral images, responding to each with a genuine or deceptive (simulated, neutralized, or masked) expression. Each 1/30-s frame (104,550 frames in 697 expressions) was analyzed for the presence and duration of universal expressions, microexpressions, and blink rate. Relative to genuine emotions, masked emotions were associated with more inconsistent expressions and an elevated blink rate; neutralized emotions showed a decreased blink rate. Negative emotions were more difficult to falsify than happiness. Although untrained observers performed only slightly above chance at detecting deception, inconsistent emotional leakage occurred in 100% of participants at least once and lasted much longer than the current definition of a microexpression suggests. Microexpressions were exhibited by 21.95% of participants in 2% of all expressions, and in the upper or lower face only.

Porter, S., Taylor, K., & ten Brinke, L. (2008, accepted with revisions). Memory for Media: An investigation of false memories for negatively- and positively- charged public events. *Memory*.

Despite a large body of false memory research, little has addressed the potential influence of an event's emotional content on susceptibility to false recollections. The paradoxical negative emotion (PNE) hypothesis (Porter et al., 2007) predicts that negative emotion generally facilitates memory but

also heightens susceptibility to false memories. Participants were asked whether they could recall twenty "widely publicized" public events (half fictitious) ranging in emotional valence, with or without visual cues. Participants recalled a greater number of true negative events ($M = 3.31/5$) than true positive ($M = 2.61/5$) events. Nearly everyone (95%) came to recall at least one false event ($M = 2.15$ false events recalled). Further, more than twice as many participants recalled any false negative (90%) than false positive (41.7%) events. Negative events, in general, were associated with more detailed memories and false negative event memories were more detailed than false positive event memories. Higher dissociation scores were associated with false recollections of negative events, specifically.

Tang, R. & Safer, M.A. (2008). Author-rated importance of cited references in biology and psychology publications. *Journal of Documentation*, 64, 246 – 272.

Purpose – The present study aims to investigate how textual features, depth of citation treatment, reasons for citation, and relationships between citers and citees predict author-rated citation importance.

Design/methodology/approach – A total of 49 biology and 50 psychology authors assessed the importance, reason for citation, and relationship to the cited author for each cited reference in his or her own recently published empirical article. Participants performed their evaluations on individualized web-based surveys.

Findings – The paper finds that certain textual features, such as citation frequency, citation length, and citation location, as well as author-stated reasons for citation predicted ratings of importance, but the strength of the relationship often depended on citation features in the article as a whole. The relationship between objective citation features and author-rated importance also tended to be weaker for self-citations.

Research limitations/implications – The study sample included authors of relatively long empirical articles with a minimum of 35 cited references. There were relatively few disciplinary differences, which suggest that citation behavior in psychology may be similar to that in natural science disciplines. Future studies should involve authors from other disciplines employing diverse referencing patterns in articles of varying lengths and types.

Originality/value – Findings of the study have enabled a comprehensive, profound level of understanding of citation behaviors of biology and psychology authors. It uncovered a number of unique characteristics in authors' citation evaluations, such as article-level context effects and value versus affective-based judgments. The paper suggests possible implications for developing retrieval algorithms based on automatically predicted importance of cited references.

Call for Papers
Special Issue on Silence and Memory
Monisha Pasupathi

Memory researchers often focus on what is spoken, but silences are also important elements in memory. Recent work suggests that what is not told, not rehearsed, and not spoken has implications for later memory, self, and identity. Moreover, that work further suggests that those implications are evident for both individuals and groups. We are seeking contributions to a special issue of Memory considering the implications of silence for memory. We are interested in a wide range of contributions, ranging from laboratory and experimental work to theoretical considerations, and on phenomena ranging from retrieval-induced forgetting to cultural and social factors that influence the nature of silences.

Interested individuals should submit their manuscripts through the manuscript central website: <http://mc.manuscriptcentral.com/pmем> and note that the submission is intended for the special issue on *Silence and Memory*.

For full consideration, manuscripts are due **December 31, 2008**. Questions should be directed to the guest editors: Monisha Pasupathi (monisha.pasupathi@psych.utah.edu) and Kate McLean (Kate.McLean@wwu.edu). All manuscripts will be subject to editorial and peer-review before acceptance for the special issue.

Congratulations to our Fellow SARMAC Members

Congratulations to our fellow SARMAC members for earning the following awards and honors—appearing in the media---publishing and making some outstanding presentations!

NAME	Susan Bluck,
PUBLICATIONS	<p>Baron, J.M., & Bluck, S. (in press). Autobiographical memory sharing in everyday life: Who tells better stories? <i>International Journal of Behavioural Development</i>.</p> <p>Bluck, S., Dirk, J., Mackay, M.M., & Hux, A. (in press) Life experience with death: Relation to death attitudes and to the function of death-related memories. <i>Death Studies</i>.</p> <p>Gluck, J., & Bluck, S. (2007). Looking back across the lifespan: a life story account of the reminiscence bump. <i>Memory and Cognition</i>, 35, 1928-1939.</p>
AWARDS	Congratulations to Susan for being recently elected to the (limited membership) Society for Personality.

NAME	Hartmut Blank
Publications	Blank, H., Nestler, S., von Collani, G. & Fischer, V. (2008). How many hindsight biases are there? <i>Cognition</i> , 106, 1408-1440. Nestler, S., Blank, H. & von Collani, G. (in press). Hindsight bias and causal attribution: A Causal Model Theory of creeping determinism. <i>Social Psychology</i> . Nestler, S., Blank, H. & von Collani, G. (in press). Hindsight bias doesn't always come easy: Causal models, cognitive effort, and creeping determinism. <i>Journal of Experimental Psychology: Learning, Memory, and Cognition</i> .

NAME	Ray Bull
Awards	Our congratulations to Ray for receiving The British Psychological Society, Division of Forensic Psychology, Award for Distinguished Contributions to Academic Knowledge in Forensic Psychology , 2008.

NAME	Melissa Boyce
AWARDS AND HONORS	Congratulations to Melissa for recently completing her Ph.D. under the direction of Steve Lindsay and Liz Brimacombe. Dr. Boyce will be taking a position in the Department of Psychology at the University of Calgary.

NAME	Anne Ridley. Senior Lecturer in Psychology, London South Bank University
AWARDS AND HONORS	Congratulations Anne! Dr Anne Ridley has been awarded a National Teaching Fellowship by the Higher Education Academy for England and Northern Ireland. Anne has published research into the relationship between anxiety and suggestibility. For further information see http://www.lsbu.ac.uk/ltcu/dev/fellowships/fellows.html

NAME	Alan Scoboria, Associate Professor of Psychology, University of Windsor
PUBLICATIONS	Scoboria, A., Mazzoni, G., & Jarry, J. (2008). Suggesting childhood food illness results in reduced eating behavior. <i>Acta Psychologica</i> , 128(2), 304-309. Media: Scoboria, A. CanWest News Service, National Post, StarPhoenix (Saskatoon), Daily News (Nanaimo), The Gazette (Montreal), The Vancouver Province, The Leader-Post (Regina), Times Colonist (Victoria), Mar 1-3 2008, "Hope may be new 'pill' for depression." Calgary Sun, Edmonton Sun, Winnipeg Sun, Toronto Sun, London Free Press, Mar 7 2008 "Feeling blue?" Scoboria, A. CBC Radio, Montreal; CTV News, Toronto; CTV Canada AM, Toronto; Rutherford Show, CHQR AM, Calgary; Sean Leslie Show CKNW AM, Vancouver; Radio Live New Zealand; Medical Post, Toronto; Scrip World Pharmaceutical News; CBC Radio Windsor: Feb 26-Mar 4, 2008. Interviews related to publication of "Initial severity and antidepressant benefits: A meta-Analysis of data submitted to the FDA" (published Feb 26, 2008).

NAME	Dan Wright. University of Sussex, UK
UPDATES	Dr. Dan Wright will be moving to the Legal Psychology program at Florida International University!

SARMAC Newsletter Submissions

We encourage you to send us information to share with your SARMAC colleagues. We are interested in recent publications, job announcements, calls for papers – or anything else you'd like to share with your colleagues. If you would like to include information in the next newsletter (winter, 2008) please email Leslie (Drlesliemiller@hotmail.com) or Lauren (lauren.shapiro@ndsu.edu).

For more information about SARMAC Contact:

Mike Togli

SUNY at Cortland - Toglia@CORTLAND.EDU

Helping to Increase SARMAC Membership

Please invite your students and colleagues who do cognitive psychology research that spans applied and basic interests to join the Society for Applied Research in Memory and Cognition (SARMAC).

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