Références bibliographiques et scientifiques de la formation *Boosteur d’Excellence*
Scott Young

«I was wrong about speed reading: Here are the facts,» January 2015.
This excellent blog post nicely summarizes what is known in relation to speed reading.

John Dunlosky

This excellent, comprehensive article is written by one of the top researchers in learning.

Michael Friedman

«Note-taking tools and tips,» (October 15, 2014), Harvard Initiative for Learning and Teaching.
This article, and an article embedded within it, («Notes on Note-Taking: Review of Research and Insights for Students and Instructors»), have very useful insights into how to improve your note taking.

Maria Konnikova


John Hamilton

(October 17, 2013). «Brains Sweep Themselves Clean of Toxins During Sleep.» NPR All Things Considered.

Mind Tools

«The Pomodoro Technique® Staying Focused Throughout the Day.»

Anne Trafton

(July 21, 2014), «Try, try again? Study says no: Trying harder makes it more difficult to learn some aspects of language, neuroscientists find.» Science Daily.

Richard C. Mohs

«How Human Memory Works.» How Stuff Works. Notice that what Dr. Mohs calls «short term memory» in his excellent article is almost the same as «working memory.»
Also, Dr. Mohs retains the «seven slots» theory of working memory--researchers still differ in their perspectives about this.

**James Morehead**


**Gretchen Reynolds**


**Ferris Jabr**


**Brigid Schulte**


**Robert Wright**

(April 21, 2012). «How to Break the Procrastination Habit» The Atlantic. (Charles Duhigg’s book, The Power of Habit, which is mentioned in the article, is also great!)

**Daniel J. Levitin**


**Charlie Tyson**

(August 14, 2014), «Failure to Replicate,» Inside Higher Ed.
This is a very interesting overview article about the state of affairs in education research.

**Pam Harrison**

(September 8, 2014), «Sleep on It: Sleep Consolidates Memory of New Motor Task,» Medscape.
Although this article deals with motor tasks, there are obvious implications related to the importance of sleep in consolidating other areas in learning. (You’ll need to join to read the article, but it’s free.)
National Numeracy

A website by an independent charity that is devoted to helping every person in the UK to reach a level of numeracy skills that allow them to meet their full potential.

Boyce, Richard et al.


Andrews-Hanna, J.R.

«The Brain’s Default Network and Its Adaptive Role in Internal Mentation.» Neuroscientist 18, no. 3 (Jun 2012): 251-70.

Immordino-Yang, M. H., J. A. Christodoulou, and V. Singh


Moussa MN, Steen MR, Laurienti PJ, Hayasaka S


Raichle, Marcus E, and Abraham Z Snyder


Dali, Salvador


Root-Bernstein, Robert S., and Michelle M. Root-Bernstein


Michael D. Fox and Michael Greicius


Fox, M. D., Corbetta, M., Snyder, A. Z., Vincent, J. L., and Raichle, M. E.


Fox M. D., Snyder A. Z., Vincent J. L., Corbetta M., Van Essen D. C., Raichle M. E.


Guang Yang et al.


Boice, Robert


Lyons, I.M., and S.L. Beilock


Steel, Piers

Steel, Piers


Tuckman, Bruce W., and Henri C. Schouwenburg


Brown, J.S., A. Collins, and P. Duguid


Dunlosky, John, Katherine A Rawson, Elizabeth J Marsh, Mitchell J Nathan, and Daniel T Willingham


Ericsson, Karl Anders


Geary, David C.


Geary, David C, A Wade Boykin, Susan Embretson, Valerie Reyna, Robert Siegler, Daniel B Berch, and J Graban

Guida, A., F. Gobet, H. Tardieu, and S. Nicolas


Karpicke, Jeffrey D.


Karpicke, Jeffrey D, and Phillip J Grimaldi


Karpicke, Jeffrey D, and Henry L Roediger


Karpicke, Jeffrey D, Andrew C Butler, and Henry L Roediger III


Karpicke, J. D., and J. R. Blunt


Karpicke, J.D., and J.R. Blunt


Kornell, Nate, Matthew Jensen Hays, and Robert A Bjork

Kornell, N., A. D. Castel, T. S. Eich, and R. A. Bjork
«Spacing as the Friend of Both Memory and Induction in Young and Older Adults.» Psychology and Aging 25, no. 2 (Jun 2010): 498-503.

McDaniel, M. A., and A. A. Callender

Roediger, Henry L., and Mary A. Pyc

Roediger, Henry L, and Andrew C Butler

Roediger, Henry L, and Jeffrey D Karpicke

Rohrer, Doug, and Harold Pashler

Taylor, Kelli, and Doug Rohrer.
«The Effects of Interleaved Practice.» Applied Cognitive Psychology 24, no. 6 (2010): 837-48. See also extensive endnote references and discussions in Chapters 2 and 3, A Mind for Numbers, Barbara Oakley, Penguin, 2014.

Baddeley, A., Eysenck, M. W., & Anderson, M. C.


Durrant, Simon J., Scott A. Cairney, and Penelope A. Lewis «Overnight consolidation aids the transfer of statistical knowledge from the medial temporal lobe to the striatum.» Cerebral Cortex 23.10 (2013): 2467-2478.


Xie, Lulu, Hongyi Kang, Qiwu Xu, Michael J Chen, Yonghong Liao, Meenakshisundaram Thiyagarajan, John O’Donnell, et al.

«Sleep Drives Metabolite Clearance from the Adult Brain.» Science, 342, no. 6156 (2013): 373-77.
Benedict Carey

(May 19, 2014), «Remembering, as an Extreme Sport,» The New York Times University of California Los Angeles,

(June 4, 2014), «Poor health, lifestyle factors linked to memory complaints, even among younger adults,» Medical Press.

Annie Murphy Paul

(April 29, 2014), «How Studying or Working Abroad Makes You Smarter,»

Time. The full text of the wonderful study cited by Annie Murphy Paul is available online for free: Maddux, W. W., H. Adam, and A. D. Galinsky.

«When in Rome ... Learn Why the Romans Do What They Do: How Multicultural Learning Experiences Facilitate Creativity.»


Lauren Davidson

«This Is the Kind of Music You Should Listen to at Work,» The Telegraph, 23 October, 2014.

Ainslie, G., and N. Haslam


Boice, Robert.


Chu, Angela, and Jin Nam Choi

Duhigg, Charles


Ellenbogen, J.M., P.T. Hu, J.D. Payne, D. Titone, and M.P. Walker


Emmett, Rita


Emsley, J.


Fiore, Neil A.


Graham, Paul.

«Good and Bad Procrastination.»

Lyons, I.M., and S.L. Beilock


Partnoy, F.


Steel, Piers


Tice, D.M., and R.F. Baumeister


Boice, Robert


Duhigg, Charles


Fiore, Neil A.


McClain, Dylan Loeb


Steel, Piers


Boice, Robert.


Duhigg, Charles.

Ericsson, K Anders, Michael J Prietula, and Edward T Cokely

Fiore, Neil A.

McClain, Dylan Loeb.

Steel, Piers.


Boice, Robert.

Duhigg, Charles.

Fiore, Neil A.

McClain, Dylan Loeb.
Steel, Piers.


Boice, Robert.


Duhigg, Charles.


Fiore, Neil A.


McClain, Dylan Loeb


Newport, Cal


Scullin, M. K., and M. A. McDaniel

«Remembering to Execute a Goal: Sleep on It!» Psychological Science 21, no. 7 (Jul 2010): 1028-35.


Levin, J.R., M.E. Levin, L.D. Glasman, and M.B. Nordwall


Logan, Jessica M., Alan D. Castel, Sara Haber, and Emily J. Viehman


Longcamp, Marieke, Céline Boucard, Jean-Claude Gilhodes, Jean-Luc Anton, Muriel Roth, Bruno Nazarian, and Jean-Luc Velay


Morris, Peter E, Catherine O Fritz, Louise Jackson, Emma Nichol, and Elizabeth Roberts


Moussa, MN, MR Steen, PJ Laurienti, and S Hayasaka

Smoker, Timothy J, Carrie E Murphy, and Alison K Rockwell


Thiebaut de Schotten, M., F. Dell’Acqua, S. J. Forkel, A. Simmons, F. Vergani, D. G. Murphy, and M. Catani


Inda MC, Muravieva EV, Alberini CM

«Memory retrieval and the passage of time: from reconsolidation and strengthening to extinction.» Journal of Neuroscience 2011 Feb 2;31(5);1635-43. PMID: 21289172.


Baddeley, Alan, Michael W. Eysenck, and Michael C. Anderson


Ericsson, K.A., and R.W. Roring

«Memory as a Fully Integrated Aspect of Skilled and Expert Performance.»

Foer, J.


Guida, A., F. Gobet, H. Tardieu, and S. Nicolas


Leutner, D., C. Leopold, and E. Sumfleth


Morris, Peter E, Catherine O Fritz, Louise Jackson, Emma Nichol, and Elizabeth Roberts.

Robyn Scott
«The 30 Second Habit That Can Have a Big Impact On Your Life,» Feb 18, 2014, The Huffington Post. This is actually a wonderful article on chunking!

Richard Wiseman
«Be lucky - it’s an easy skill to learn,» The Telegraph, Jan 9, 2003. Yes, Lady Luck DOES favor some—and for a reason!

David Glenn

Steve Mensing

Errol Morris

Maria Konnikova

Carl Zimmer
«This is Your Brain on Writing,» June 20, 2014,

The New York Times. A nice discussion of the caudate nucleus, which is involved in habitual, chunking type activities in all sorts of areas, including sports, and its role in writing expertise.

Johns Hopkins Medicine
Travis Bradberry


Sue Shellenbarger


Colin Gerber

«Memory Consolidation and Productivity Can Both Be Improved by Taking Breaks,» Quora, November, 2014.

Steven C. Pan


Shana K. Carpenter


Beilock, S.


Ericsson, K. A.


Gobet, F., & Clarkson, G.


Gobet, F., Lane, P. C. R., Croker, S., Cheng, P. C. H., Jones, G., Oliver, I., & Pine, J. M.


Cree, George S, and Ken McRae

Gobet, F., and N. Charness, eds

Gobet, F., and G. Clarkson
«Chunks in Expert Memory: Evidence for the Magical Number Four... or Is It Two?». Memory 12, no. 6 (2004): 732-47.

Gobet, F., P.C.R. Lane, S. Croker, P.C.H. Cheng, G. Jones, I. Oliver, and J.M. Pine

Gobet, Fernand

Guida, A., F. Gobet, H. Tardieu, and S. Nicolas

Mastascusa, Edward J., William J. Snyder, and Brian S. Hoyt
Nyhus, E., and T. Curran

«Functional Role of Gamma and Theta Oscillations in Episodic Memory.» Neurosciences and Biobehavioral Reviews 34, no. 7 (Jun 2010): 1023-35.

Sweller, John, Paul Ayres, and Slava Kalyuga


Brent, Rebecca, and Richard M. Felder


Cho, Soohyun, Arron W. S. Metcalfe, Christina B. Young, Srikanth Ryali, David C. Geary, and Vinod Menon


Cooper, Graham, and John Sweller


Cree, George S, and Ken McRae.


Gobet, F., and N. Charness, eds. Chess and Games. edited by K. Anders Ericsson, Neil Charness, Paul Feltovich and Robert R. Hoffman,

Gobet, F., and G. Clarkson.
«Chunks in Expert Memory: Evidence for the Magical Number Four... or Is It Two?». Memory 12, no. 6 (2004): 732-47.


Gobet, Fernand

Guida, A., F. Gobet, H. Tardieu, and S. Nicolas

Mastascusa, Edward J., William J. Snyder, and Brian S. Hoyt

Nyhus, E., and T. Curran
«Functional Role of Gamma and Theta Oscillations in Episodic Memory.» Neuroscience and Biobehavioral Reviews 34, no. 7 (Jun 2010): 1023-35.

Rohrer, Doug, and Harold Pashler.

Sweller, John, Paul Ayres, and Slava Kalyuga.
Baddeley, A., Eysenck, M. W., & Anderson, M. C.


Brown, J. S., Collins, A., & Duguid, P.


(2013). Improving students’ learning with effective learning techniques: Promising directions from cognitive and educational psychology. Psychological Science in the Public Interest, 14(1), 4-58.

Dunning, D.


Geary, D. C., Boykin, A. W., Embretson, S., Reyna, V., Siegler, R., Berch, D. B., & Graban, J.


Guida, A., Gobet, F., Tardieu, H., & Nicolas, S.


Karpicke, J. D.


Morris, E.

Pennebaker, J. W., Gosling, S. D., & Ferrell, J. D.
(2013). Daily online testing in large classes: Boosting college performance while reducing achievement gaps. PLoS ONE, 8(11), e79774.

Pyc, M. A., & Rawson, K. A.

Roediger, H. L., & Butler, A. C.

Roediger, H. L., & Karpicke, J. D.

Roediger, H. L., & Pyc, M. A.

Rohrer, D., & Pashler, H.

Cooper, Graham, and John Sweller.


Gobet, F., and N. Charness, eds.


Gobet, F., and G. Clarkson.

«Chunks in Expert Memory: Evidence for the Magical Number Four... or Is It Two?». Memory 12, no. 6 (2004): 732-47.


Gobet, Fernand.


Ischebeck, A., L. Zamarian, M. Schocke, and M. Delazer

«Flexible Transfer of Knowledge in Mental Arithmetic--an FMRI Study.» NeuroImage 44, no. 3 (Feb 1 2009): 1103-12.

Johnson, Steve

Kounios, John, and Mark Beeman


Mastascusa, Edward J., William J. Snyder, and Brian S. Hoyt


Rocke, A.J.


Simon, H.A.


Simonton, Dean Keith.


Solomon, Ines.


Beilock, S.


Bilalic, M., McLeod, P., & Gobet, F.


