Paul Atchley, Ph.D.
Professor, Psychology

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Education

Postdoctoral researcher, Beckman Institute, University of Illinois, Urbana-Champaign
Collaborator: Dr. Arthur Kramer (1996-1998)
Ph.D., Cognitive Psychology, University of California, Riverside (1996)

I do translational cognitive science on visual attention and perception, with an emphasis on engaging scholarship for public impact.
Driving, Distraction, and Multitasking: Effects of distraction on driving and performance, perception and attentional processes

March 15, 2024

Dean, Undergraduate Studies and Senior Associate Vice-President
University of South Florida, (Spring 2018-Summer 2020)
Professor
Department of Psychology, University of South Florida (Spring 2018-present)
Associate Dean for Academic Innovation and Student Success
College of Liberal Arts & Sciences, University of Kansas, (Spring 2016-Fall 2017)
Associate Dean for Online and Professional Education
College of Liberal Arts & Sciences, University of Kansas, (Fall 2013-Spring 2016)
Professor
Department of Psychology, University of Kansas (Fall 2012-Spring 2018)
Associate Professor

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2011, China National Science Foundation, “Modification Methods of Chinese Motor Vehicle Drivers’ Aberrant Driving Behaviors Based on a Traveling Data Recorder” ($65,000), Co-investigator, not funded

2010, KU Commons, “SmartGrid/SmartHome/SmartCar: The New American Dream” ($13,750), PI, funded

2010, National Science Foundation, “Evaluating the Effect of Large-Format Stereoscopic Displays on Student Learning in Introductory College Physical Geography Classes” ($147,759), Senior personnel, funded

2010, AAA Foundation for Traffic Safety, “Targeting social networks and relationships: A method for improving the effectiveness of anti-distraction technologies for young adults” ($250,544), PI, not funded

2010, KU Transportation Research Institute, “Distracted driving data analysis” ($6,756), PI, funded

2010, KU Transportation Research Institute, “Driving without distraction”, ($66,442), Co-PI, funded

2010, China National Science Foundation, “Formative Factors of Chinese Drivers' Aberrant Driving Behavior and the Correctional Ways” ($51,267), Co-investigator, not funded

2010, Kansas Department of Transportation, “Development of a camera-aided method to assess the service life of individual signs and its application in validation of current 10-year replacement cycle of signs for safety, sustainability, and potential savings” ($57,500), Co-PI, not funded

2010, NSERC, “Exploring a novel pattern of markers of cognitive decline in aging: Behavioural and electrophysiological measures of language processing in mild cognitive impairment and Alzheimer's disease” ($50,000), consultant, not funded

2008, KU Transportation Research Institute, “Understanding and Improving the Roadway-Driver Interface and Communications for 55+ Americans” ($342,830), PI, not funded

2008, Kansas Department of Transportation, “Feasibility of a preventative education program for aging drivers to improve safety on roadways and intersections and reduce projected accident rate increases” ($60,000), PI, not funded

2007, Social Sciences and Humanities Research Council of Canada, “Linguistic and Attentional Markers of Alzheimer’s Disease: An ERP Study” ($75,000), Co-PI, not funded

2007, KU Transportation Research Institute, “Improving Highway Workzone Safety” ($315,615), Co-PI, funded

2007, Farmers Insurance, “Developing and Testing an Attention Acuity Assessment for Farmers Insurance” ($1,901,064), PI, not funded

2006, KU Transportation Research Institute, “Advanced Driver Training: Meeting the Attention Challenge

2001 National Institutes of Health , “Aging and accident risk: Spatial attention and attentional orienting” ($898,432), PI, not funded

2000 National Science Foundation, “CAREER: The representation of attention in depth” ($483,960), PI, not funded

2001 University of Kansas, Faculty Research Grant, “Eye movement control of dynamic visual displays” ($25,000), Co-PI, funded

2000 University of Kansas, Faculty Research Grant, “An investigation of age-related changes in object-based attention” ($7,823), PI, funded

1999 University of Kansas, Research Development Fund, “Delivery of empirically supported therapy via telepresence”, ($49,066), not funded

1999, University of Kansas, New Faculty General Research Program, “Age-related changes in the detection of motion.”, ($5,398), PI, funded

1997 Beckman Institute Research Equipment Grant ($31,815)

Publications

Driving, Distraction, and Multitasking

Lane, S. & Atchley, P. (Eds). (2020). Human Capacity in the Attention Economy. American Psychological Association.

Atchley, P. & Lane, S. (2020). A general framework for understanding the impact of information technology on human experience. In Lane, S. & Atchley, P. (Eds). Human Capacity in the Attention Economy., American Psychological Association.

Hopman, R.J., Atchley, R., Atchley, P. & Strayer, D.L. (2020). How nature helps replenish our depleted cognitive resources and improves mood by increasing activation of the brain’s default mode network. In Lane, S. & Atchley, P. (Eds). Human Capacity in the Attention Economy., American Psychological Association.

Lane, S., Atchley, P. & Mennie, K. (2020). Charting a way forward: navigating the attention economy. In Lane, S. & Atchley, P. (Eds). Human Capacity in the Attention Economy., American Psychological Association.

Liese, B., Reed, D.D., Becirevic, A., Atchley, P. Benau, E.M. & Kaplan, B. (2019). The Self-perception of Text-message Dependency Scale (STDS): Psychometric update

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Atchley, P., Chan, M., & Gregersen, S. (2014). A strategically timed verbal task improves performance and neurophysiological alertness during fatiguing drives. Human Factors, 56, 453 - 462.

Shi, J. , Tao, L., Li, X., Xiaoa, Y. & Atchley, P. (2014). Survey of taxi drivers' aberrant driving behavior in Beijing. Journal of Transportation Safety & Security, 6, 34-

Theeuwes, J., Atchley, P., & Kramer, A.F. (1998). Attentional control within three-dimensional space. Journal of Experimental Psychology: Human Perception & Performance, 24, 1476-1485.

Theeuwes, J., Kramer, A.F., & Atchley, P. (1998). Visual marking of old objects. Psychonomic Bulletin & Review, 5, 130-134.

Atchley, P., Kramer, A.F., Theeuwes, J. & Andersen, G.J. (1997). Spatial cuing in a stereographic display: Evidence for a depth aware attentional focus. Psychonomic Bulletin & Review, 4, 524-529.

Perceptual and Memory

Atchley, P. (1992). Perceptual style and tracking performance. International Journal of Aviation Psychology, 1, 255-259.

Higher education and teaching

Hirmas,D.R., Slocum, T., Halfen, A.F., White,T., Zautner, E., Atchley, P, Liu, H. Johnson, W.C., Egbert, S. & McDermott, D. (2014). A new stereoscopic (3D) media database and teaching strategy for use in large-lecture introductory geoscience courses. Journal of Geoscience Education, 62, 515–531.

Hirmas,D.R., Slocum, T., Halfen, A.F., White,T., Zautner, E., Atchley, P, Liu, H. Johnson, W.C., Egbert, S. & McDermott, D. (2014). Effects of seating location and stereoscopic display on learning outcomes in an introductory physical geography class. Journal of Geoscience Education, 62, 126-137.

Atchley, P. (2013). Smart phones will not change the future of higher education. Teaching Matters (Newsletter of KU CTE), 16, 5.

Atchley, P. (2012). More than a talking head. Teaching Matters (Newsletter of KU CTE), 15, 7.

Atchley, P., Hooker, E., Kroska, E., & Gilmour, A. (2012). Validation of an Online Orientation Seminar to Improve Career and Major Preparedness. Teaching of Psychology, 39, 146-151.

Atchley, P. (2011). Making students collaborators in their own success. Teaching Matters (Newsletter of KU CTE), 14, 4-5.

Atchley, P. (2004). Content without context: Goals in higher education. Reflectc0EMC E-13.7 (.)i Refprm Cla(es)-14 (s)-14(pr)-14.3 ab

Atchley, P. (2011, ongoing). Car Talk Distracted Driving blog, invited regular submitter.

Atchley, P. (2010, Dec. 21). You can't multitask, so stop trying. Harvard Business Review, The Conversation, invited blog submission. (Reposted in Business Week and others.)

Li, Y., Chan, M., Firman, U., Finger, K., Mills, M.M., Bai, Y., Schrock, S.D., Chong, O., Atchley, P., and Perlmutter, D.D. (2009). Improving highway work zone safety. Report for KUTRI/KDOT.

Atchley, P. & Dressel, J. (2006). The effect of fluorescent yellow-green backgrounds on vehicle-mounted work-zone signs on attention and eye-movements. Report for the Midwest Smart Work Zone Deployment Initiative.

Meyer, E. & Atchley, P. (2006). Assessment of traffic control practice with respect to older drivers. KDOT Project RE-0244-01.

Hoffman, L. & Atchley, P. (2002). Attentional orienting in a change detection task: The costs of age and the benefits of processing speed. VIPLTM 02-01, 20 pages.

Atchley, P. (2000). The Mind. University of Kansas, Academic Outreach Programs (62 pages).

Atchley, P. (1992). Perceptual style and air-to-air tracking performance. NASA Technical Memorandum, TM A-91032.

Lane, S., Atchley, P., and Basden, B. (1990). Metacognition as a factor in eyewitness testimony. CSUF Journal of Natural Sciences, 5, 15-17.

Conferences or conference sessions organized

2017, "Building a Culture of Safety: Success Lessons from Corporate America." Session organized for the 5th annual Virginia Distracted Driving Summit, September 29th, Norfolk, VA.

2017, "Using design thinking to promote innovation." Session organized for the Working Well Wichita conference, August 20th, Wichita, KS.

2015, (with Brooking, J.) "The neuroscience and psychology behind distracted driving: A panel discussion." Session for the 3rd Virginia Distracted Driving Summit September 18th, Virginia Beach, VA.

2015, (with Brooking, J.) "The case for cognitive distraction." Session for the 3rd Virginia Distracted Driving Summit September 18th, Virginia Beach, VA.

2014, (with Lane, S.) “Cognitive science in the attention economy.” Symposium for the 55th Psychonomic Society Annual Meeting, November 21st, Long Beach, CA.

2014, “The latest findings from distracted driving research.” Session organized for the Lifesavers 32nd National Conference on Highway Safety Priorities, Nashville, TN, April 28th.

2013, “A Teen's Perspective on DD and Effective Communication Efforts to Reach Teens.” Session organized for the Lifesavers 31st National Conference on Highway Safety Priorities, Denver, CO, April 15th.

2012, “Is technology an addiction: Implications for traffic safety.” Session organized for the Lifesavers 30th National Conference on Highway Safety Priorities, Orlando, FL, June 14th.

2010, “SmartGrid/SmartHome/SmartCar: The New American Dream”, KU Commons, May 6-7.

Conference talks, abstracts and papers

Atchley, P. (2019). The role of metrics in student success. Association for Deans and Directors of University Colleges and Undergraduate Studies annual conference, Wesley Chapel, FL.

Yee, K. & Atchley, P. (2019). Math success by changing culture: Toward a taxonomy of campus culture. Gardner Gateway Conference, Atlanta, GA.

Atchley, P. & Aronson, L. (2019). Transforming student success one student at a time through bottom to top activation. 2nd Annual Student Success Conference, February, Tampa, FL.

Atchley, P. (2018). How USF closed the race-based achievement gap. Ruffalo Noel Levitz Conference, July, Orlando, FL.

Atchley, P., Tran, A. V., Mikowlski, R., Wang, H. (2017). Understanding factors that influence the decision to text and drive using the delay discounting method. Poster presented at the annual meeting of the Midwestern Psychological Association, April, Chicago, IL.

Ashleigh V. Tran, William J. Horrey, Paul Atchley (2017). Differences in calibration of skills in distracted driving situations. Presented at the 5th international

college students. Presented at the Annual Meeting of the American Spinal Injury Association, Philadelphia, Pennsylvania.

Kelly, E.H., Hassani, S., Smith, J., Thorpe, S., Sozzer, F.H., Atchley, P., Sullivan, E., Larson, D. & Vogel, L.C. (2016) Preventing Distracted Driving Among College Students. Presented to the Pediatric Societies Annual Meeting, May 1, Baltimore, MD.

Atchley, P., Tran, A. V., Salehinejad A. (2016). Understanding factors that influence the decision to text and drive using the delay discounting method. Poster presented at the annual meeting of the Psychonomic Society, November, Boston, MA

Atchley, P. & Bailey, B. (2015). A Bayesian Analysis of Distracted Negotiation. Presented to the 56th Psychonomic Society Annual Meeting, November 20th, Chicago, IL.

Atchley, P. (2015). Three things you need to understand about distracted driving science (plus one more). Presented at the 11th Annual Meeting of the Society for Applied Research in Memory and Cognition, June 27th, Victoria, CA.

Bailey, B. & Atchley, P. (2015). Comparison of Bayesian & frequentist analyses on distracted negotiation. Presented at the 87th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Atchley, P. (2014). The Attention Economy: Increasing Risk in a World of Divided Attention. Presented to the 55th Psychonomic Society Annual Meeting, November 21st, Long Beach, CA.

Atchley, R., Strayer, D. & Atchley, P. (2014). Cognition in the Wild: - Project update. Presented at the National Academies Keck Futures Initiative Informed Brain in a Digital World meeting, Chicago, IL, Sept. 22nd.

Atchley, P. (2014). A failure of attention: Why has cognitive (neuro)science failed to translate to distracted driving policy? Presented at the 12th International Conference on Cognitive Neuroscience, Brisbane, Australia, July 27th.

Atchley, R., Strayer, D. & Atchley, P. (presenter) (2013). Creativity in the Wild: Improving creative reasoning through immersion in natural settings. Presented at the Wild10 Global Symposium, Salamanca, Spain, October 8.

Atchley, R., Strayer, D. & Atchley, P. (presenter) (2012). Creativity in the Wild: Improving creative reasoning through immersion in natural settings. Presented at the National Academies Keck Futures Initiative Informed Brain in a Digital World Conference, Irvine, CA, Nov. 16th.

Atchley, R.A., Azevedo, N., Schuster, J., Kehayia, E., Atchley, P., Gibson, L., &Johnson, E.K. (2012) Electrifying the lexical decision: ERPs reflecting phonotactic and lexical properties of letter strings. Presented at Mental Lexicon, Montreal, Canada.

Halfen, A.F., Hirmas, D.R., Slocum, T., White, T., Zautner, E., Atchley, P., Liu, H., Johnson, W.C., Egbert, S., and McDermott, D. (2012). A hybrid online/offline

Atchley, P., & Atwood, S. (2009). Prevalence and frequency text messaging

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Atchley, P., Grobe, J., & Fields, L. (2001). The effect of smoking on perceptual

Atchley, P. and Andersen, G.J. (1996). Age-related differences in dynamic visual acuity with viewing eccentricity. Investigative Ophthalmology and Visual Science, 37 (3, Supplement). 1069.

Andersen, G.J. and Atchley, P. (1995). Priming of 3D surfaces from optic flow. Presented at the Annual Meeting of the Psychonomic Society, Los Angeles, CA.

Andersen, G.J. and Atchley, P. (1995). Age-related changes in the detection of 2D and 3D motion. Investigative Ophthalmology and Visual Science, 36 (3, Supplement), 363.

Atchley, P. and Andersen, G.J. (1995). Hysteresis and 3D surface perception from optic flow. Investigative Ophthalmology and Visual Science, 36 (3, Supplement), 361.

Atchley, P. and Andersen, G.J. (1994). Human detection of statistical properties within velocity distributions. Investigative Ophthalmology and Visual Science, 35 (3, Supplement), 1271.

Andersen, G.J. and Atchley, P. (1993). Detection of 3D surfaces perturbed by Gaussian noise. Investigative Ophthalmology and Visual Science, 34 (3, Supplement), 1083.

Atchley, P. and Andersen, G.J. (1992). Detection of statistical properties for 3D velocity fields. Investigative Ophthalmology and Visual Science, 33 (3, Supplement), 1141.

Atchley, P. (1991). The effect of confidence on memory. Presented at the Central California Research Symposium, Fresno, CA.

Atchley, P. (1991). The effect of confidence on memory. Presented at the California State University Student Research Competition, Los Angeles, CA.

Atchley, P., Castleman, W., and Basden, B. (1991). Decision making under uncertainty: Effects of confidence on eyewitness performance. Presented at the Western Psychological Association Conference, Burlingame, CA.

Atchley, P. (1990). Metacognition as a factor in eyewitness testimony. Presented at the Central California Research Symposium, Fresno, CA.

Atchley, P. (1990). Metacognition and eyewitness testimony. Presented at the Western Psychological Association Conference, Los Angeles, CA.

Invited Talks, symposia and workshops outside of home institution

Atchley, P. (2024). Fooling Ourselves: Why do we drive distracted? Destination Advisory Board, January 22nd, St. Petersburg, FL.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Momentum Advisory Board, November 6th, Denver, CO.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Keynote speaker for the PestSure Safety and Loss Prevention Meeting, September 27th, Memphis, TN.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? EDIC Risk Control Workshop, September 19th, Scottsdale, AZ.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Bus Industry Safety Council Workshop, July 25th, Orlando, FL.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Pathways Risk Control Workshop, July 13th, Denver, CO.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? 90th National Pest Management Association Safety Summit, May 5th, Orlando, FL.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Affinity Risk Control Workshop, April 21st, Denver, CO.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? TranzCap Advisory Board Meeting, April 13th, Queens, NY.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Federated Risk Control Workshop, April 5th, New Orleans, LA.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? National Interstate & Vanliner Loss Control Safety Workshop, April 1st, Tampa, FL.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? National Interstate & Vanliner Loss Control Safety Workshop, February 27th, Cabo San Lucas, MX.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Titans Risk Control Workshop, February 9th, Phoenix, AZ.

Atchley, P. (2023). Fooling Ourselves: Why do we drive distracted? Artisans Risk Control Workshop, January 21st, Newport Beach, CA.

Atchley, P. (2022). Fooling Ourselves: Why do we drive distracted? Presidio Risk Control Workshop, November 30th, New Orleans, LA.

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Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Kansas Farmer's Insurance Underwriters Executive Conference, July 25th, Alexandria, VA.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Kansas Society of Professional Engineers, April 19th, St. Mary's, KS.

Atchley, P. (2017). Fooling Ourselves: The Development of a Distracted Driving Culture, National Safety Council, April 19th, Webinar.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Keynote for DOMInno Missouri (Missouri Department of Transportation), April 18th, Springfield, MO.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Keynote for Ohio TZD, April 13th, Cincinnati, OH.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Keynote for Ohio TZD, April 12th, Medina, OH.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Keynote for Ohio TZD, April 11th, Bowling Green, OH.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? UCLA Alderson School of Management, April 7th, Los Angeles, CA.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Keynote for Johnson & Johnson North American SAFE Fleet meeting, February 15th, Jacksonville, FL.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? Keynote for PSS Innovations leadership meeting, February 15th, Phoenix, AZ.

Atchley, P. (2017). Still Fooling Ourselves: Why do we drive distracted? eDriving, LLC All-hands meeting, January 19th, Oakland, CA.

Atchley, P. (2016). A cautionary tale about technology and our brain. Pearson Learner Experience Design group, December 9th, webinar.

Atchley, P. (2016). Still Fooling Ourselves: Why do we drive distracted? Keynote presented to the 3rd Annual Texas Distracted Driving Summit, November 3rd, Austin, TX.

Atchley, P. (2016).What are the costs of technology to our brain? KU Elevate, October 28th, Wichita, KS.

Atchley, P. (2016). Still Fooling Ourselves: Why do we drive distracted? Keynote presented to Ohio's Toward Zero Deaths Safety Kickoff, October 20th, Columbus, OH.

Atchley, P. (2016). Still Fooling Ourselves: Why do we drive distracted? Keynote presented to Missouri's 2016 Traffic Safety and Blueprint Conference, October 18th, Columbia, MO.

Atchley, P. (2016). Still Fooling Ourselves: Why do we drive distracted and what can we do about it?. Keynote presented to the Network of Employers for Traffic Safety conference, October 13th, Orlando, FL.

Atchley, P. (2016). "If they sell it, it must be safe …right?" Presented to the 4th Virginia Distracted Driving Summit, September 29th, Newport News, VA.

Atchley, P. (2016). Still fooling ourselves by driving distracted. Presented at the National Safety Council Employer Cell Phone Policy Conference, May 6th, Arlington, TX.

Atchley, P. (2016). Still fooling ourselves by driving distracted. Presented to the Oklahoma Annual Trauma Symposium, April 28th, Oklahoma City, OK.

Atchley, P. (2016). Still fooling ourselves by driving distracted. Presented to the Johnson & Johnson SAFE Fleet meeting, March 30th, Mexico City, MX.

Atchley, P. (2015). What is "normal" in distracted driving? Presented to the 3rd Virginia Distracted Driving Summit, September 18th, Virginia Beach, VA.

Atchley, P., Tran, A.V. & Salehinejad, A. (2015). The case for cognitive distraction. Presented to the 3rd Virginia Distracted Driving Summit, September 18th, Virginia Beach, VA.

Atchley, P. (2015). Innovative approaches to address distracted driving.

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Atchley, P. (2013). Distracted driving: Truth or consequences. Presented to the Child Safety Initiative: Partners in Prevention Conference, Kansas City, MO, April 12th.

Atchley, P. & Atchley, R. (2013). Nature: The technology cure. Presented to the Board of the Sunflower Foundation Board of Trustees, Lawrence, KS, April 10th.

Atchley, P. (2013). Fooling ourselves: Why do we drive distracted? Presented to the Engineers Club of Kansas City, Leawood, KS, April 1st.

Atchley, P. (2013). Fooling ourselves: Why do we drive distracted? Presented to the Inn of Court, Lawrence, KS, March 27th.

Atchley, P. (2013). We know distracted driving is dangerous. Why do we do it? Presented at the National Safety Council Employer Cell Phone Policy Conference, San Diego, CA, February 28th.

Atchley, P. (presenter), Baraniuk, R., Cataldo, T., Craig Hare, J., Glass, A., Hirji, Z., Oishi, M., & Turk, M. (2012). IDR Team 2: Develop methods to efficiently design and measure the efficacy of Internet teaching technologies. Presented at the National Academies Keck Futures Initiative Informed Brain in a Digital World Conference, Irvine, CA, Nov. 17th.

Atchley, P. (2012). We know distracted driving is dangerous. Why do we do it? Presented at the Florida Distracted Driving Summit, Tampa, FL, November 13th. (Sponsored by Shriner's Hospitals)

Atchley, P. (2012). Distracted Driving by Teens. Video appearance for the Johnson County STOP Underage Drinking Project, Nov. 10.

Atchley, P. (2012). We know distracted driving is dangerous. Why do we do it? Presented at the State Insurance Trade Associations conference, Hilton Head, South Carolina, October 1st.

Atchley, P. (2012). The brain of the digital native: Better, faster, dumber? Presented at the 2012 IDeA States Mini-conference on Visual and Cognitive Neuroscience, North Dakota State University, Fargo, ND.

Atchley, P. (2012). Is technology an addiction: Implications for traffic safety. Presented at the Lifesavers 30th National Conference on Highway Safety Priorities, Orlando, FL, June 14th.

Atchley, P. (2012). Our Need to Stay Connected: What Challenges Does This Present to the Traffic Safety Community? Session organizer, Lifesavers 30th National Conference on Highway Safety Priorities, Orlando, FL, June 14th

Atchley, P. (2012). The cognitive costs of technology. Presented at the Science on Tap event, Free State Brewing Company, Lawrence, KS., June 12th.

Atchley, P. (2012). Understanding the driver. Four day workshop on driver human factors presented at Tsinghua University, Beijing, May 21-24.

Atchley, P. (2012). Distracted driving: Decision Making. Presented at Tsinghua University, Beijing, May 25th.

Atchley, P. (2012). Distracted driving: Cognitive Factors. Presented at Tsinghua University, Beijing, May 25th.

Atchley, P. (2012). We know distracted driving is dangerous. Why do we do it? Presented at the Texas Distracted Driving Summit, San Antonio, TX, April 27th. (Sponsored by Shriner's Hospitals)

Atchley, P. (2012). Traffic safety and youth culture. (Plenary) Presented at the 18th Annual Transportation Safety Conference, Topeka, KS, April 17th.

Atchley, P. (2012). How distracted driving science works. Presented at the 18th Annual Transportation Safety Conference, Topeka, KS, April 17th.

Atchley, P. (2012). Development of an online orientation seminar. Workshop presented at the Department of Psychology, Louisiana State University, April 4th and 5th.

Atchley, P. (2012). Threats to traffic safety:(in)attention and risk perception. Presented at the joint meeting of the International Municipal Signal Association and the Kansas Association of Uniform Traffic Control, Overland Park, KS, March 7,

Atchley, P. (2012). Distracted driving: Understanding the driver's brain. Presented at the Kansas Law Enforcement Training Center, Hutchinson, KS, February 17th.

Atchley, P. (2012). Distracted driving: Enforcement practicum. Presented at the Kansas Law Enforcement Training Center, Hutchinson, KS, February 17th.

Atchley, P. (2011). The dangers of distracted driving. Presented to the City of Overland Park, KS, October 25th.

Atchley, P. (2011). Multitasking, attention and perception. Presented at Lawrence High School, Lawrence, KS.

Atchley, P. (2011). Texting hazards while driving. Presented at the MINK 2011 Conference (regional DOT/FHWA traffic conference), St. Joseph, MO, September 21st.

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Atchley, P. (2010). Studying what drivers actually see: Are you safe? Presented to the Transportation Safety Conference, Overland Park, KS, March 31st.

Atchley, P. (2009). Driving and cell phone use: Are you safe? Presented to the Kansas Primary Risk Managers Association conference, Wichita, KS, October 16th.

Atchley, P. (2009). Cellular phones and driving. Panelist at the 2nd annual Design for Mobile Conference (Des4Mo), Lawrence, Kansas, 22 April. (only national mobile user interface conference in the U.S.)

Atchley, P. (2009). Top transportation & energy issues facing the nation. Panelist, press conference at the 88th annual meeting of the Transportation Research Board, Washington, D.C., January 13th.

Atchley, P. (2008). Older drivers: stereotypes and reality. Presented at the 59th Kansas Department of Labor Safety Conference, Topeka, KS, October 8th.

Atchley, P. (2008). Hang up and drive! Why does a cell phone make the younger driver attend like an eighty-five year old? Presented at the Contance-Lethbridge Rehabilitation Centre, Montreal, Canada, April 17th.

Atchley, P. (2007) Hang up and drive! The effect of conversations on visual attention while driving. Presented at the Victoria University at Wellington (New Zealand), August 10.

Atchley, P. (2006). Driver Safety. Presented to Kansas Gas Service, Topeka, KS, October 19th.

Atchley, P. (2006). Driver Safety. Presented at the 57th Kansas Department of Labor Safety Conference, Topeka, KS, October 4th.

Atchley, P. & Dressel, J. (2006). Risky conversations: What aspects of conversations limit attention while driving? Presented at the American Psychological Association conference, New Orleans, August 10th.

Atchley, P. (2004). Content without context: Are we doing enough? Presented at the Regional National Campus Ministry Association meeting, Leawood, KS, May 18th.

Atchley, P. (2003). How to succeed in college. Kansas Honors Program, Atchinson, KS. March 24.

Atchley, P. (2002). The older driver: Good news and bad news. Presented at the Kansas Department of Transportation Safety Conference, Topeka, KS, May 22.

Atchley, P. (2002). Adventures in masking: Sensory and attentional interactions in aging. Presented at Syracuse University, Syracuse, NY. February 8.

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2021 (August 8). “Why Are Speeding, Distraction and Fatigue the Biggest Risks for Drivers?,” Fleet Management Weekly, author. https://www.fleetmanagementweekly.com/why-are-speeding-distraction-and-fatigue-the-biggest-risks-for-drivers/

2021 (July 27). “A Brain Science Advisor's Perspective on an Effective Safety Program,” Fleet Management Weekly, interviewee, https://www.fleetmanagementweekly.com/newsletters/2021-07-27.html

2021 (June 1). “VIDEO: Why Hands-Free Phone Use is Still a Danger,” Fleet Management Weekly, interviewee, https://www.fleetmanagementweekly.com/newsletters/2021-06-01.html

2021 (April 7). “Is Our New ‘Distanced’ Way of Life Making Drivers a Threat to

2018 (April 11). “It’s not the phone, it’s you, Walter Mitty: Daydreaming is the biggest cause of crashes, insurer says,” Washington Post, interviewee.

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