

Nita Lewis Shattuck
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EXPERIENCE

October 2024 to present: Professor Emerita and Volunteer, Naval Postgraduate

School Serve as a volunteer team member on the NPS Crew Endurance Team. Advise team on analysis and writeup of findings from 3-year longitudinal study of sleep and overall well-being of US Navy Sailors, a study she designed and directed for 2 years. Serve as co-advisor to doctoral student at University of South Australia. Guest lecturer to Navy Senior Leadership Symposia.

April 2017 to September 2024: Professor, Naval Postgraduate School Team Leader for the Naval Postgraduate School Crew Endurance Research Team (2002-2024). Director of the Human Systems Integration Laboratory (HSIL). Thesis and dissertation supervisor for students in Departments of Operations Research, Systems Engineering, and Human Systems Integration.

May 2006 to April 2017: Associate Professor, Naval Postgraduate School (NPS)

Team Leader for the Naval Postgraduate School Crew Endurance Research Team. Director of the Human Systems Integration Laboratory (HSIL). Human Factors Option Advisor for the Operations Research curriculum. Course coordinator for OA3401, OA3402, OA3413 and OA4401; teach courses in human factors engineering, individual and team performance, and human systems integration. Supervise NPS student thesis projects. Served as Co-Director of the Human Systems Integration program. Joint faculty appointments in Systems Engineering and MOVES Institute. Advisor to the Chief of Naval Operations Strategic Studies Group. Member of the Transportation Research Board of the National Academies Committee on Marine Safety and Human Factors.

September 2000 to 2006: Research Assistant Professor, Naval Postgraduate School (NPS)

Developed curriculum and course material for graduate courses in human factors and human systems integration. Supervised student thesis research. Director of the Human Systems Integration Laboratory (HSIL). Human Factors Option Advisor for the Operations Research curriculum. In 2003, founded the resident Masters Degree program in Human Systems Integration and served as Academic Associate for the Resident Masters Degree program in Human Systems Integration at NPS.

1995 to 1997: Principal Staff Member/Human Factors Scientist, Veda, Inc.

Principal investigator of US Navy project to evaluate in-flight fires and wiring discrepancies in the E-2C Hawkeye aircraft. Worked with Navy engineers and the SAS Institute to finalize recommendations based on reported failure rates. Study coordinator and human factors lead for F-14D Theater Ballistic Missile Boost Phase Intercept Project. Responsible for measuring aircrew mental workload and aircrew performance in flight and in human-in-the-loop simulations.

1987 to 1989: Engineering Psychologist, Aircrew Systems Department, Systems Engineering Test Directorate, Naval Air Test Center, Patuxent River, MD

Developed techniques for in-flight physiological monitoring of aircrew. Designed study to assess the effect of thermal stress on Gz tolerance. Consultant to the Israeli Air Force on Gz-induced Loss of Consciousness (G-LOC) monitoring systems for in-flight applications.

1985 to 1987: Research Psychologist, Crew Technology Division, United States Air Force School of Aerospace Medicine, Brooks AFB, TX

Principal investigator in studies of human performance during exposure to acceleration, hypoxia and spatial disorientation using electrophysiological measures (e.g., EEG, EOG, EMG) as indicators of state of consciousness. Directed contractual efforts to obtain centrifuge and in-flight recording and analysis capability of electrophysiological signals from aircrew. Measured human cognitive performance and electrophysiological changes during exposure to lower body negative pressure (ischemic hypoxia). Participated in fatigue countermeasures program that assessed EEG and performance changes associated with pharmacological sleep intervention (temazepam).

1983 to 1985: Postdoctoral Research Fellow, National Research Council, assigned to United States Air Force School of Aerospace Medicine, Neurosciences Function, Clinical Sciences Division, Brooks AFB, TX

As a neuroscience research fellow and as part of the USAF Pilot Attributes Program, designed and implemented a study of visual target acquisition and tracking. Study included quantitative measures of human eye movements, including saccadic velocities. Analyzed data from manual tracking task collected in zero-G environment from astronauts during NASA Shuttle mission.

EDUCATION

Ph.D., Behavioral Science, The University of Texas, School of Public Health, Houston, Texas, 1982.

M.Ed., Counseling Psychology, Stephen F Austin State University, Nacogdoches, Texas, 1977.

B.S., Biology and English, Stephen F Austin State University, Nacogdoches, Texas, 1975.

PROFESSIONAL MEMBERSHIPS

Sleep Research Society. (January 1, 2005 - Present). Aerospace Medical Association. (January 1, 1990 - Present).

Human Factors and Ergonomics Society. (January 1, 1990 - Present).

Department of Defense Human Factors Engineering Technical Advisory Group (1990-present). American Society of Naval Engineers. (Lifetime member).

Working Time Society (2014-present).

AWARDS

Recipient of the Department of Defense Distinguished Civilian Service award, June 2018. The [citation](#) reads in part: "She is a nationally recognized and highly respected expert in the fields of sleep, fatigue, and crew endurance." ([medal](#))

Recipient of the 2013 Surface Navy Association Literary Award, which recognizes the best professional article in any publication addressing Surface Navy or Surface Warfare issues.

Recipient of the 2007 'Jimmie' Hamilton Award from the American Society of Naval Engineers (ASNE) for Best Paper for 2007.

Recipient of the Roland Calori Award for Best Paper for the years 2006-2007 in the Organizational Studies Journal.

Recipient of the 2006 Gary F. Wheatley Award for Best Paper from the International Command and Control Research and Technology.

Outstanding Civilian Performance Award, U.S. Air Force, 1987. National Research Council Postdoctoral Fellow, 1983-1985.

Vice President, Board of Directors, Houston Area Women's Center, Inc., 1978-1979.

U.S. Public Health Service Trainee, The University of Texas, School of Public Health, 1978-1980.

Outstanding Student Award, Stephen F. Austin State University, 1976-1977. Lovenia Perry Scholarship, Stephen F. Austin State University, 1975-1976.

RESEARCH INTERESTS

Human systems integration (to include the domains of manpower, personnel, training, human factors, habitability, safety, survivability and occupational health).

Human performance (individual and team). Fatigue, sleep, and circadian rhythms.

Situation awareness and situated cognition. Decision making and mental workload.

PUBLICATIONS

Shattuck, N.L., Lawrence-Sidebottom, D., Matsangas, P., & Nicholson, M. (2023). Awakening to the challenge of fatigue management in maritime transportation. In Rudin-Brown, C. & Filtness, A.(Eds.). *The Handbook of Fatigue Management in Transportation: Waking Up to the Challenge* (1st ed.). Boca Raton: CRC Press.

Shattuck, N. L., Lawrence-Sidebottom, D., Matsangas, P., & Brager, A. J. (2022). The role of sleep in the military. In C. A. Kushida (Ed.), *Encyclopedia of Sleep and Circadian Rhythms* (2nd ed.): Elsevier.

Shattuck, N.L., Matsangas, P., Mysliwiec, V., & Creamer, J.L. (2019). "The role of sleep in human performance and well-being" in Schnyer, D. & Matthews, M.D. (Eds.), *Human Performance Optimization: The Science and Ethics of Enhancing Human Capabilities*. Oxford University Press, New York.

Shattuck, N.L., Matsangas, P., & Dahlman, A.S. (2018). Sleep and fatigue issues in military operations. In E. Vermetten, A. Germain, & T. Neylan (Eds.), *Sleep and Combat related PTSD* (pp. 69-76). New York, NY: Springer

Shattuck, N.L., & Matsangas, P. (2018). "Sleep and fatigue issues in military operations" in Vermetten, E., Germain, D. & Neylan, T. (Eds.), *Sleep and combat related PTSD*. Springer.

Drillings, M., Knapp, B., & Shattuck, N.L., (2015). "Human Systems Integration in the military," in D. Boehm-Davis, Durso, Lee, (Eds) *The APA Handbook of Human Systems Integration*. Washington, DC: American Psychological Association. 37-52.

Miller, N.L., Matsangas, P. & Kenney, A. (2012). "The role of sleep in the military: Implications for training and operational effectiveness," in M. Matthews and J. Laurence (Eds.) *Oxford Handbook of Military Psychology*. New York: Oxford University Press. 262-281.

Miller, N.L., Matsangas, P., & Shattuck, L.G. (2007). "Fatigue and its effect on performance in military environments," in P.A. Hancock and J.L. Szalma (Eds.), *Performance Under Stress*. Mahwah, NJ: Ashgate Publications. 231-250.

Miller, N.L., Crowson, J.J., & Narkevicius, J.M. (2003). "Human characteristics and measures in systems design," in H.R. Booher (Ed.), *Handbook of Human Systems Integration*. New York: John Wiley and

Sons. 699-742. Shattuck, N. L., Shattuck, L., & Matsangas, P. (Published). Combat Effectiveness and Sleep Patterns in US Marines.

Refereed Journal Papers

Shattuck, N.L., & Matsangas, P. (2026). Changes in sleep patterns of US Navy personnel transitioning from training to fleet assignments. *Aerospace Medicine and Human Performance*, 97(5), 327-332. Doi: 10.3357/AMHP.6732.2026.

Abendroth, J., Röttger, S., Giesche, M., Jacobsen, T., Matsangas, P., & Shattuck, N.L. (2025). Improving sailor's amount and efficiency of sleep in two-section watchkeeping schedules: A cluster randomized trial study. *Sleep*, zsaf332. Doi: 10.1093/sleep/zsaf332.

Guzzetti, J.R., Matsangas, P., Banks, S., & Shattuck, N.L. (2025). The Sleep Regularity Index: A new way to evaluate shiftwork schedules. *Journal of Sleep Research*. e70133. doi: 10.1111/jsr.70133.

Matsangas, P., & Shattuck, N. L. (2025). Circadian rhythmicity and 24/7 operations. *Current Sleep Medicine Reports*, 11(14). doi: 10.1007/s40675-025-00319-x.

Shattuck, N. L., Matsangas, P., Lawrence-Sidebottom, D., & McClernon, C. K. (2025). Sex differences in United States Navy sailor well-being, sleep-related behaviors, and psychomotor vigilance performance. *Sleep Advances*, zpa014. doi: 10.1093/sleepadvances/zpa014.

Shattuck, N.L. & Matsangas, P. (2024). Recipe for Fatigue: Sleep, work patterns, and well-being of galley workers on Surface Ships of the United States Navy. *Sleep Advances*, 5(1), zpae005. doi: 10.1093/sleepadvances/zpae050.

McClernon, C. K., Matsangas, P., & Shattuck, N. L. (2024). Sleepy and grumpy go hand in hand for US Navy Sailors. *Sleep Advances*, 5(1), zpae005. doi: 10.1093/sleepadvances/zpae005.

Shattuck, N.L., Matsangas, P., Reily, J., McDonough, M., & Giles, K.B. (2023). Using light to facilitate circadian entrainment from day to night flights. *Aerospace Medicine and Human Performance*. 94(2), 66-73, Doi: 10.3357/AMHP.6161.2023.

Shattuck, N.L. & Matsangas, P. (2022). Who sleeps more and who works longer in the US Navy: Officers or enlisted personnel? *Sleep Health*. 8(4), 387-390. Doi: 10.1016/j.sleh.2022.03.007.

Gurubhagavatula, I., Barger, L. K., Barnes, C. M., Basner, M., Boivin, D. B., Dawson, D., Drake, C.L., Flynn- Evans, E. E., Mysliwiec, V., Patterson, P. D., Reid, K. J., Samuels, C., Shattuck, N. L., Kazmi, U., Carandang, G., Heald, J. L., Van Dongen, Hans P. A. (2021). Guiding principles for determining work shift duration and addressing the effects of work shift duration on performance, safety, and health: guidance from the American Academy of Sleep Medicine and the Sleep Research Society. *JOURNAL OF CLINICAL SLEEP MEDICINE*, 17(11), 2283-2306.

Matsangas, P. & Shattuck, N.L. (2021). Habitability in berthing compartments and well-being of sailors working on United States Navy surface ships. *Human Factors*. 63(3), 462-473. Doi: 10.1177/0018720820906050

Shattuck, N.L. & Matsangas, P. (2021). Eating behaviors in Sailors of the United States Navy: Meal-to-sleep intervals. *Nutrition and Health*, 27(1), 3-8. Doi: 10.1177/0260106020960878.

Shattuck, N.L. & Matsangas, P. (2020). Does the quality of life differ for shift workers compared to day workers? *Chronobiology International*, 37(9-10), 1299-1303. Doi: 10.1080/07420528.2020.1810062.

Matsangas, P. & Shattuck, N.L. (2020). Sleep quality, occupational factors, and psychomotor vigilance performance in U.S. Navy sailors. *Sleep*, 43(12). Doi: 10.1093/sleep/zsaa118.

Matsangas, P. & Shattuck, N.L. (2020). Hand-held and wrist-worn field-based PVT devices versus the standardized laptop PVT. *Aerospace Medicine and Human Performance*, 91(5), 409-415. Doi: 10.3357/AMHP.5567.2020.

- Matsangas, P., Shattuck, N.L., & Saitzyk, A. (2020) Sleep-related practices, behaviors, and difficulties in deployed active duty service members performing security duties. *Behavioral Sleep Medicine*. 18(2), 262-274. Doi: 10.1080/15402002.2019.1578771
- Shattuck, N.L. & Matsangas, P. (2017). [Sunlight exposure, work hours, caffeine consumption, and sleep duration in an operational naval environment](#). *Aerospace Medicine and Human Performance*, 88(6), 579-585. Doi: 10.3357/AMHP.4721.2017.
- Matsangas, P., Shattuck, N.L., & Brown, S. (2017). [Preliminary validation study of the 3-minute wrist-worn psychomotor vigilance test](#). *Behavioral Research Methods*, 49(5), 1792-1801. Doi:10.3758/s13428-016-0821-2.
- Matsangas, P. & Shattuck, N.L. (2016). [Differentiating between fatigue and sleepiness in the naval operational environment](#). *Behavioral Sleep Medicine*.
- Shattuck, N.L., Matsangas, P., Moore, J., & Wegemann, L. (2016). "Prevalence of musculoskeletal symptoms, excessive daytime sleepiness and fatigue in the crewmembers of a U.S. Navy ship." *Military Medicine*, 181(7), 655-62.
- Shattuck, N.L., & Matsangas, P. (2015). "Psychomotor Vigilance Performance Predicted by Epworth Sleepiness Scale Scores in an Operational Setting with the United States Navy." *Journal of Sleep Research*, 24(2), 174-180.
- Skornyakov, E., Shattuck, N.L., Winsor, M.A., Matsangas, P., Sparrow, A.R., Layton, M.E., Gabehart, R.J., & Van Dongen, H.P.A. (2015). "Sleep and performance in simulated Navy watch schedules," *Accident Analysis & Prevention*. doi: 10.1016/j.aap.2015.11.021.
- Shattuck, N.L. & Matsangas, P. (2015). "A 6-month assessment of sleep during naval deployment: A case study of a Commanding Officer," *Aerospace Medicine and Human Performance*. 86(5): 481-485.
- Mysliwiec, V., Matsangas, P., Baxter, T. & Shattuck, N.L. (2015). "An unusual circadian rhythm in an active duty service member," *Sleep and Biological Rhythms*, 14(1), 113-115.
- Shattuck, N.L., Matsangas, P., Eriksen, E. & Kulubis, S. (2015). "Comparison of two watch schedules for personnel at the White House Military Office President's Emergency Operations Center," *Human Factors*, 57(5): 864-878.
- Shattuck, N.L. & Matsangas, P. (2015). "Operational assessment of the 5-h on/10-h off watchstanding schedule on a US Navy ship: Sleep patterns, mood, and psychomotor vigilance performance of crewmembers in the nuclear reactor department," *Ergonomics*. doi: 10.1080/00140139.2015.1073794.
- Shattuck, N.L. & Matsangas, P. (2015). "Psychomotor vigilance performance predicted by Epworth Sleepiness Scale scores in an operational setting with the United States Navy," *Journal of Sleep Research*, 24(2): 174-180.
- Matsangas, P., Shattuck, N.L., & McCauley, M.E. (2015). "Sleep duration in rough sea conditions." *Aerospace Medicine and Human Performance*, 86(10), 901-906.
- Cordle, J. & Shattuck, N.L. (2013). "A Sea Change in Standing Watch", *United States Naval Institute Proceedings*, January 2013:139 (1): 34-39. This article won the Surface Navy Association Literary Award for 2013. The SNA Literary Award recognizes the best professional article in any publication addressing Surface Navy or surface warfare issues.
- Shattuck N.L. & Brown S.A.T. (2013). "Wounded in action: what the sleep community can learn from sleep disorders of US military service members," *SLEEP* 36(2):159–160.
- Miller, N.L., Shattuck, L.G. & Tvaranas, A.P., (2012). "Accommodating adolescent sleep-wake patterns: The effects of shifting the timing of sleep on training effectiveness," *SLEEP* 35(8):1123-1136.
- Miller N.L., Shattuck, L.G., & Matsangas, P. (2011). "Sleep and fatigue issues in continuous operations: A survey of US Army officers," *Behavioral Sleep Medicine*: 9(1):53-65.

- Miller N.L., Shattuck, L.G., & Matsangas, P. (2010). "Longitudinal study of sleep patterns of United States Military Academy cadets," *SLEEP*: 33(12):1623-1631.
- Tvaryanas, A.P., Brown, L., & Miller, N.L. (2009). "Managing the Human Weapon System: A Vision for an Air Force Human-Performance Doctrine", *Air & Space Power Journal*, pp. 34-41, Summer 2009.
- Miller, N.L., Shattuck, L.G., Matsagas, P. & Dyche, J. (2008). "Sleep and academic performance in U.S. military training and education programs." *International Mind, Brain and Education Society*. 2(1): 29-33.
- Miller, N.L. & Firehammer, R. (2007) "Avoiding a Second Hollow Force: The Case for Including Crew Endurance Factors in the Afloat Staffing Policies of the U.S. Navy, *Naval Engineers Journal*, Vol 119:1 pp 83-96, 2007." This paper won the 'Jimmie' Hamilton Award for Best Paper of 2007 from The American Society of Naval Engineers.
- Shattuck, L.G. & Miller, N.L. (2006). "Naturalistic decision making in complex systems: A dynamic model of situated cognition combining technological and human agents," *Organizational Behavior: Special Issue on Naturalistic Decision Making in Organizations*. 27(7): 989-1009.
- Miller, N.L. & Shattuck, L.G. (2005). "Sleep Patterns of Young Men and Women Enrolled at the United States Military Academy: Results from Year One of a Four Year Longitudinal Study", *SLEEP* July 2005.
- Pollitt, E. & Lewis, N.L., (1980). "Nutrition and educational achievement: I. Malnutrition and behavioral test indicators," *Food and Nutrition Bulletin*. 2(3):32-35.
- Pollitt, E. & Lewis, N.L., (1980). "Nutrition and educational achievement: II. Correlations between nutritional and behavioral test indicators within populations where malnutrition is not a major public health problem," *Food and Nutrition Bulletin*. 2(3):33-37.

Refereed Conference Papers

- Shattuck, N.L. & Matsangas, P. (2023). A longitudinal assessment of sleep in Surface Warfare Officers during training and fleet assignments: Preliminary results. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 67(1), 1570-1573. Doi: 10.1177/21695067231193653.
- Röttger, S., Giesche, M., Abendroth, J., Jacobsen, T., Matsangas, P., & Shattuck, N. L. (2023). How much can we improve two-section watch bills? Sleepiness, fatigue, and psychomotor vigilance performance during naval operations in the 6/6 and 7-5-5-7 watch bills. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 67(1), 1273-1278. Doi: 10.1177/21695067231192909.
- Shattuck, N.L. & Matsangas, P. (2021). Crew endurance training in the United States Navy: Lessons learned from senior leadership, prospective commanding/executive officers, and department heads. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 65(1), 1470-1474. Doi: 10.1177/1071181321651076.
- Badua, A., Shattuck, N.L., & Matsangas, P. (2021). Risk assessment in the military: A work/rest schedule-based tool for the USN surface fleet. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 65(1), 1588-1592. Doi: 10.1177/1071181321651077.
- Shattuck, N.L., Matsangas, P., Clifton, H., Hart, J., Czeisler, C., & Barger, L. (2020). Crew endurance training in the United States Navy: Interim assessment of a 3-year project. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 64(1), 841-845. Doi: 10.1177/1071181320641195.
- Shattuck, N.L., Matsangas, P., Dahlman, J., & Dahlman, A. (2020). Assessment of the fixed 4-hours on/8-hours off watchstanding schedule on a surface vessel of the Swedish Royal Navy. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 64(1), 846-850. Doi: 10.1177/1071181320641196.
- Matsangas, P. & Shattuck, N.L. (2019). Preliminary assessment of a novel watchstanding schedule for a crew on a small surface combatant of the United States Navy. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 63(1), 933-937. Doi:10.1177/1071181319631005.

- Matsangas, P., Shattuck, N.L., Mortimore, K., Paghasian, C., & Greene, F. (2019). The 3-minute psychomotor vigilance task (PVT) embedded in a wrist-worn device: Time of day effects. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 63(1), 797-801. Doi:10.1177/1071181319631144.
- Shattuck, N.L., Matsangas, P., & Saitzyk, A. (2018). Improving work and rest patterns of military personnel in operational settings with frequent unplanned events. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 62(1), 772-776. Doi: 10.1177/1541931218621175.
- Matsangas, P. & Shattuck, N.L. (2018). Agreement between the 3-minute psychomotor vigilance task (PVT) embedded in a wrist-worn device and the laptop-based PVT. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 62(1), 666-670. Doi:10.1177/1541931218621151.
- Sjörs Dahlman, A., Matsangas, P., & Shattuck, N.L. (2017). The effect of habitual exercise on daytime sleepiness and mood of US Navy sailors. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 61(1), 522-526. Doi: 10.1177/1541931213601615.
- Ryan, A., Matsangas, P., Anglemyer, A., & Shattuck, N.L. (2017). Improving sleep attributes of military personnel in operational settings by controlling exposure to blue light. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 61(1), 906-910. Doi: 10.1177/1541931213601705.
- Matsangas, P. & Shattuck, N.L. (2017). Exploring sleep-related habitability issues in berthing spaces on U.S. Navy ships. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 61(1), 450-454. Doi: 10.1177/1541931213601593.
- Matsangas, P., Shattuck, N.L., Heinicke, C., & Dunn, J. (2017). Sleep patterns in Mission IV of the Hawaii Space Exploration Analog and Simulation (HI-SEAS): A pilot study. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 61(1), 73-77. Doi: 10.1177/1541931213601484.
- Shattuck, N.L., Shattuck, L.G. & Matsangas, P. (2016). Combat effectiveness and sleep patterns in US Marines. *Proceedings of the Human Factors and Ergonomics Society (HFES) 60th Annual Meeting*. Washington, D.C.
- Shattuck, N.L. & Matsangas, P. (2016). Comparison of the 3/9 and 6/6 watchstanding schedules for crewmembers of a US Navy destroyer. *Proceedings of the Human Factors and Ergonomics Society (HFES) 60th Annual Meeting*. Washington, D.C.
- Shattuck, N.L. & Matsangas, P. (2015). Caffeinated beverage consumption rates and reported sleep in a U.S. Navy ship. *Proceedings of the Human Factors and Ergonomics Society (HFES) 59th Annual Meeting*. Los Angeles, CA.
- Matsangas, P. & Shattuck, N.L. (2015). The effect of ship department on crew sleep patterns and psychomotor vigilance performance. *Proceedings of the Human Factors and Ergonomics Society (HFES) 59th Annual Meeting*. Los Angeles, CA.
- Brown, S., Matsangas, P., & Shattuck, N.L. (2015). "Improved sleep hygiene and psychomotor vigilance performance following crew shift to a circadian-based watch schedule." *Proceedings of the Human Factors and Ergonomics Society (HFES) 59th Annual Meeting*. Los Angeles, CA. October, 2015.
- Shattuck, N.L., Waggoner, L.B., Young, R.L., Smith, C.S., & Matsangas, P. (2014). "Shiftwork practices in the United States Navy: A study of sleep and performance in watchstanders aboard the USS Jason Dunham." *SLEEP* 06/2014; 37(Supplement): A78.
- Shattuck, N.L., Matsangas, P., & Waggoner L. (2014). "Assessment of a novel watchstanding schedule on an operational US Navy vessel." *Proceedings of the Human Factors and Ergonomics Society (HFES) 58th Annual Meeting*. Chicago, IL.
- Shattuck, N.L., Shattuck, L.G., Smith, C.S., & Matsangas, P.M. (2013). "Changes in Reaction Times and Executive Decision-Making following Exposure to Waterborne Motion", *Proceedings of the 2013 Annual Human Factors and Ergonomics Society*, September-October 2013, San Diego, CA.

- Shattuck, N.L., Waggoner, L.B., Young, R.L., Smith, C.S., Brown, S.A.T, & Matsangas, P. (2013). "Shiftwork Practices in the United States Navy: A Study of Sleep and Performance in Watchstanders aboard the USS JASON DUNHAM" 21st International Symposium on Shiftwork and Working Time, Costa do Saupe, Brazil, 4 - 8 November 2013.
- Shattuck, N.L., Shattuck, L.G., Smith, C.S., & Matsangas, P.M. (2013). "Changes in reaction times and executive decision-making following exposure to waterborne motion," Proceedings of the Human Factors and Ergonomics Society (HFES) 57th Annual Meeting. San Diego, CA.
- Shattuck, N.L. (2011). "Human systems integration tradeoff analyses: Lessons learned in support of Naval surface acquisitions," Proceedings of the Human Factors and Ergonomics Society (HFES) 55th Annual Meeting. Las Vegas, NV.
- Miller, G.A., Miller, N.L., & Shattuck, L.G. (2007). "Red force interaction in situated cognition," Proceedings of the 2007 Command and Control Research and Technology Symposium. Newport, RI, June 2007.
- Miller, N.L. & Firehammer, R. (2007). "Avoiding a second hollow force: The case for including crew endurance factors in the afloat staffing policies of the U.S. Navy," Proceedings of the 2007 Human Systems Integrations Symposium. Annapolis, MD.
- Shattuck, L.G., Miller, N.L., & Miller, G.A. (2007). "Using the dynamic model of situated cognition to assess network centric warfare in field settings," Proceedings of the 2007 Command and Control Research and Technology Symposium. Newport, RI.
- Solberg, B.J., Miller, N.L., & Corriere, M.A. (2007). "Sleep patterns of Naval aviation personnel conducting mine hunting operations," Proceedings of the 2007 Human Systems Integrations Symposium. Annapolis, MD.
- Miller, N.L. & Shattuck, L.G. (2006). "A dynamic process model for the design and assessment of network systems," Proceedings of the 2006 Command and Control Research and Technology Symposium. San Diego, CA.
- Miller, N.L. & Shattuck, L.G. (2005). "Applying a dynamic model of situated cognition to the investigation of mishaps," Proceedings of the Human Factors and Ergonomics Society's 49th Annual Meeting. Orlando, Florida.
- Miller, N.L., Shobe, K., & Shattuck, L.G. (2005). "Extending the model of situated cognition to submarine command and control," Proceedings of the 2005 Human Systems Integrations Symposium. Arlington, VA.
- Shattuck, L.G. & Miller, N.L. (2004). "A process tracing approach to the investigation of situated cognition," Proceedings of the Human Factors and Ergonomics Society's 48th Annual Meeting. New Orleans, LA.
- Miller, N.L. & Shattuck, L.G. (2004). "A process model of situated cognition in military command and control," Proceedings of the 2004 Command and Control Research and Technology Symposium. San Diego, CA.
- Miller, N.L. & Shattuck, L.G. (2004). "Sleep patterns and the impact on performance: A study of men and women enrolled at the United States Military Academy", Proceedings of the Human Factors and Ergonomics Society's 48th Annual Meeting, New Orleans, LA, September 2004.
- Shattuck, L.G. & Miller, N.L. (2004). "A process tracing approach to the investigation of situated cognition", Proceedings of the Human Factors and Ergonomics Society's 48th Annual Meeting. New Orleans, LA, September 2004.
- Miller, N.L., Dyche J., Andrews C. & Lucas, T. (2004). "Navy Boot Camp: Test Score Changes After Two Hour Increase in Sleep Time," Proceedings of the Association of Professional Sleep Societies, Philadelphia, PA, June 2004. Abstract.

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