

Susan Joslyn

CURRICULUM VITAE

Office Address: University of Washington, Department of Psychology, Box 351525, Seattle, WA 98195

Phone: 206-616-7183

E-Mail: susanj@u.washington.edu Web: <http://depts.washington.edu/forecast/>

Education

Doctor of Philosophy, University of Washington Dissertation advisor: Earl Hunt, Title: Individual Differences in Time Pressured Decision Making	1995
Master of Science in Psychology, University of Washington Title: Two Measures of Emergency Responding	1994
Bachelor of Arts in Philosophy, University of Washington, Seattle WA	1975

Awards

New Investigator Award Division of Experimental Psychology for 'Evaluating individual differences in response to time pressure situations.' <i>American Psychological Association</i>	1999
APA Division 21 Raymond S. Nickerson Award for Best 2012 Paper in the Journal of Experimental Psychology: Applied	2012

Professional Experience

Associate Professor, Department of Psychology University of Washington, Seattle WA	2013-present
Assistant Professor, Department of Psychology University of Washington, Seattle WA	2010-2013
Senior Lecturer, Department of Psychology University of Washington, Seattle WA	2002 – 2010
Lecturer, Department of Psychology University of Washington, Seattle WA	1995 - 2002

Grants and Contracts

PI- NOAA FFO: Understanding and Enhancing Public Interpretation and Use of Probabilistic Tornado Warnings in the Southeastern United States (\$299,969.00) <i>National Oceanic and Atmospheric Administration</i>	2017-2019
PI- DRU: Improving Public Response to Weather Warnings (\$487,688.00) <i>National Science Foundation</i>	2016-2019
PI- DRU: Perception of Climate Change: Implications For Climate Communication And Climate-Related Decision-Making (\$638,187.00) <i>National Science Foundation</i>	2014-2017
PI- DRU: Communicating Weather Forecast Uncertainty and	

Improved Decision-Making Under Risk (\$370,000.00) <i>National Science Foundation</i>	2010-2013
PI- DRU: A Multi-disciplinary Approach to Communicating Weather Forecast Uncertainty (\$951,500.00) <i>National Science Foundation</i>	2008-2010
Co PI- Multi-disciplinary University Research Initiative Grant: Integration and Visualization of Multi-Source Information for Mesoscale Meteorology: Statistical and Cognitive Approaches to Visualizing Uncertainty. (\$5,086,055.00) <i>Office of Naval Research</i>	2002-2007

Research Interests

- Decision making under uncertainty
- Applied decision-making
- Time pressured decision-making

Publications

*Current or former graduate student or post-doc; †Current or former undergraduate student

- Joslyn, S. L., *Carlin, L. & Loftus E. F. (1997). Remembering and forgetting childhood sexual abuse, *Memory*, 5, 701-724.
- Joslyn, S. L. & Hunt, E. (1998). Evaluating individual differences in response to emergency situations. *Journal of Experimental Psychology: Applied*, 4, 16-43.
- Loftus, E. F., Joslyn, S. L., & *Barbarini, D. (1998). Repression: A mistaken impression? *Development and Psychopathology*, 10, 781-792.
- Hunt, E. & Joslyn, S.L. (2000). A functional task analysis of time-pressured decision making. In J.M. Schraagen, S. Chipman & V.J. Shalin (Eds), *Cognitive Task Analysis*, (119-132) Mahwah, NJ: Erlbaum.
- Joslyn, S. L., Loftus, E. F., †McNoughton, A. & †Powers, J. (2001). Memory for memory. *Memory & Cognition*, 29, 789-797.
- Joslyn, S.L. & Schooler, J., (2003). Influences of the present on the past: The impact of interpretation on memory for abuse. In L.G. Nilsson & N. Ohta (Eds) *Memory and Society*. Psychology Press.
- Fischer, S. C., Morrin, K. A., & Joslyn, S. (2003). Measuring multi-tasking ability. (Technical Report No. ADA417039—DTIC).
- Joslyn, S. L. & *Oakes, M. A. (2005). Directed forgetting and autobiographical events. *Memory and Cognition*, 33(4), 577-587.
- Fischer, S. C., Mautone, P. A., Morrin, K. A., & Joslyn, S. (2005). Development of an abstract test of multi-tasking ability. Technical Report to ONR.
- Morrin, K. A., Fischer, S. C., Mautone, P. D. & Joslyn, S. (2005). Development of an abstract test of

- multi-tasking ability: Effect of response format. Technical Report to ONR.
- Hunt, E. & **Joslyn**, S. (2006). Stages of concern for laboratory, field, and social issues in applying cognitive psychology. In Hoffman, R. R. (Ed.) *Expertise out of context*. Mahwah, NJ: Erlbaum: 7-28
- Joslyn**, S., *Pak, K., Jones, D. +Pyles, J. & Hunt, E. (2007). The Effect of probabilistic information on threshold forecasts. *Weather & Forecasting*, 22 (4), 804–812.
- Joslyn**, S. & Jones, D. (2008). Strategies in naturalistic decision-making: A cognitive task analysis of naval weather forecasting. In J.M. Schraagen (Ed) In J.M. Schraagen, S. (Ed) *Naturalistic Decision Making and Macrocognition*. Ashgate Publishing: 183-201
- Joslyn**, S., *Nadav-Greenberg, L., & +Taing, M. U. (2009). The Effects of wording on the understanding and use of uncertainty information in a threshold forecasting decision. *Applied Cognitive Psychology*, 23 (1), 55-72.
- *Nadav-Greenberg, L., **Joslyn**, S., & +Taing, M.U. (2008). The effect of weather forecast uncertainty visualization on decision-making. *Journal of Cognitive Engineering and Decision Making*, 2 (1), 24-47.
- Hauswald, M. & **Joslyn**, S.L. (2008). Qualitative approaches to the study of adverse events and near misses. *Journal of Academic Emergency Medicine*, 12, 1312-1314.
- Joslyn**, S., *Nadav-Greenberg, L. & +Nichols, R. M. (2009). Probability of precipitation: Assessment and enhancement of end-user understanding. *Bulletin of the American Meteorological Society*, 90(2). 185-193.
- Joslyn**, S.L. & +Nichols, R.M. (2009). Probability or frequency? Expressing forecast uncertainty in public weather forecasts. *Meteorological Applications*, 90, 185-193.
- *Nadav-Greenberg, L., & **Joslyn**, S. (2009). Uncertainty forecasts improve decision-making among non-experts, *Journal of Cognitive Engineering and Decision Making*, 2 (1), 24-47.
- Mass C., **Joslyn** S., +Pyle J., *Tewson P., Gneiting T., et al. (2009). PROBCAST: A Web-based portal to mesoscale probabilistic forecasts. *Bulletin of the American Meteorological Society*, 90(7), 1009-1014.
- Joslyn**, S. & *Savelli, S. (2010). Communicating forecast uncertainty: Public perception of weather forecast uncertainty. *Meteorological Applications*. 17, 180-195.
- *Eckel F. A., Glahn H. R., Hamill T. M., **Joslyn** S., Lapenta W. M., Mass C. F. (2010) National Mesoscale Probabilistic Prediction: Status and the Way Forward. A White-Paper Report from the *National Workshop on Mesoscale Probabilistic Prediction*, 23-24 September 2009.
- Joslyn**, S., & *LeClerc, J. (2011). Uncertainty forecasts improve weather-related decisions and attenuate the effects of forecast error. *Journal of Experimental Psychology: Applied*. 18(1):126-40.
- Joslyn**, S., & *Savelli, S., & *Nadav-Greenberg, L., (2011). Reducing probabilistic weather forecasts to the worst-case scenario: Anchoring effects. *Journal of Experimental Psychology: Applied*.

17(4):342-53.

- *Savelli, S. & **Joslyn**, S., (2012). Boater safety: Communicating weather forecast information to high stakes end users. *Weather, Climate & Society*. 4, 7–19
- *Savelli, S. & **Joslyn**, S., (2013). The Advantages of 80% Predictive Interval Forecasts for Non-Experts and the Impact of Visualizations. *Applied Cognitive Psychology*. wileyonlinelibrary.com) DOI: 10.1002/acp.2932
- Joslyn**, S., *Nemec, L. & *Savelli, S. (2013). The benefits and challenges of predictive interval forecasts and verification graphics for end-users. *Weather, Climate & Society*. 27, 572-541.
e-View doi: <http://dx.doi.org/10.1175/WCAS-D-12-00007.1>
- *LeClerc, J. & **Joslyn**, S., (2012). Odds ratio forecasts increase precautionary action in severe weather events. *Weather, Climate & Society*, 4, 263–270.
- Joslyn**, S., & *LeClerc, J. (2013). Decisions with Uncertainty: The Glass Half Full. *Current Directions in Psychological Science*, 22 (4) 308 - 315
- Ebert, B. Brown, T. Fowler, P. Gill, M. Goeber, S. **Joslyn**, M. Mittermaier, P. Nurmi, A. Watkins, A. Weigel (2013) Progress and challenges in forecast verification. *Meteorological Applications*, Vol 20(2) 130-139
- Bostrom, A. **Joslyn**, S. Pavia, R. Walker, A. Starbird, K. & Leschine, T.M (2015) Methods for Communicating the Complexity and Uncertainty of Oil Spill Response Actions and Tradeoffs *Journal Human and Ecological Risk Assessment: An International Journal* 21 (3), 631-645
- *LeClerc, J. & **Joslyn**, S., (2015). The Cry Wolf Effect and Weather-Related Decision Making. *Risk Analysis*. 35 (3) 385-395. DOI: 10.1111/risa.12336
- Joslyn**, S. & *Grounds, M. (2015). The Use of Uncertainty Forecasts in Complex Decision Tasks and Various Weather Conditions,” *Journal of Experimental Psychology: Applied* Vol 21(4), Dec, 2015. pp. 407-417.
- Joslyn**, S., & *LeClerc, J. (2016). Climate Projections and Uncertainty Communication. *Topics in Cognitive Science*, 8(1), 222-241.
- *Ehlers, A; Drake, T; Kotagal, M; *Simianu, V; Achar C; Agrawal, N; **Joslyn**, S; Flum, D. (2016) Factors Influencing Delayed Hospital Presentation in Patients with Appendicitis: The APPE Survey. *Journal of the American College of Surgeons* 223(4):S108-S109
- *Simianu, V; *Grounds, M; **Joslyn**, S; *LeClerc, J; *Ehlers, A; Agrawal, N; Alfonso-Cristancho, R; Flaxman, A; Flum, D (2016) Understanding clinical and non-clinical decisions under uncertainty: a scenario-based survey. *BMC Medical Informatics and Decision Making* 16:153 DOI: 10.1186/s12911-016-0391-3
- *Grounds, M. **Joslyn**, S. & *Otsuka (2017) Probabilistic Interval Forecasts: An Individual Differences Approach to Understanding Forecast Communication, *Advances in Meteorology*, Volume 2017 (2017), Article ID 3932565, 18 pages

- *Grounds, M. **Joslyn**, S. & *LeClerc, J. (2018) Expressing Flood Likelihood: Return Period versus Probability, *Weather Climate and Society* 10 (1) doi: 10.1175/WCAS-D-16-0107.1
- *Grounds, M. **Joslyn**, S. (2018) Communicating Weather Forecast Uncertainty: Do Individual Differences Matter? *Journal of Experimental Psychology: Applied* 24(1), pp.18-33
- *Losee, J. **Joslyn**, S. (2018) The need to trust: How features of the forecasted weather influence forecast trust. *International Journal of Risk Reduction*. <https://doi.org/10.1016/j.ijdr.2018.02.032>
- *LeClerc, J. & **Joslyn**, S. (under review) The Impact of Probabilistic Seasonal Climate Predictions and Outcome Feedback on Decision Making. *Weather, Climate and Society*
- Joslyn**, S. & *Demnitz, R. (accepted) Communicating Climate Change: Probabilistic Expressions and Concrete Events. *Weather, Climate and Society*
- Joslyn**, S. & *Demnitz, R. (under review) Explaining the Delay: Communicating Urgency and Climate Change. *Nature Climate Change*
- *Demnitz, R. & **Joslyn**, S. (under review) The Effects of Recency and Uncertainty Estimates on Overcautiousness. *Journal of Judgment and Decision Making*

Presentations at National Meetings

Refereed Presentations

- Joslyn, S.L., Hunt, E. & Sanquist, T. (November, 1994). Individual differences in time-pressured decision-making. Poster presented at the Annual Meeting of the Psychonomics Society, St Louis, MO.
- Joslyn, S. L., Hunt, E., Schwemmle, M. & Waller, D. (November, 1996). Evaluating individual differences in response to emergency situations. Presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.
- Hunt, E., Joslyn, S.L. (October, 1997). A functional task analysis of time-pressured decision making. Workshop on Cognitive Task Analysis. Washington D.C.
- Leveson, N., Hunt, E. Joslyn, S. et al. (December, 1997). Demonstration of a Safety Analysis on a Complex System. Twenty-second Annual Software Engineering Workshop, NASA Goddard.
- Schooler, J. & Joslyn, S.L. (August, 2001). Impact of the present on the memory for the past: Framing effects in memory for sexual abuse. One hundred and ninth Annual Meeting of the American Psychological Association, San Francisco, CA.
- Joslyn, S. L. & Oakes, M. A. (November, 2002). Directed Forgetting and Autobiographical Events Presentation at the Annual Meeting of the Psychonomics Society, Kansas City, KS.
- Joslyn, S., Schweitzer, K., & Hunt, E. (July 2003). Naturalistic decision making: A cognitive task analysis of naval weather forecasting. Presentation at The Society for Applied Research in Memory and Cognition) Fifth Biennial Conference, Aberdeen University, Scotland
- Hunt, E. & Joslyn, S. (May 2003). Stages of Concern for Laboratory, Field, and Social Issues in Applying

- Cognitive Psychology. Presentation at the 6th International Conference of Naturalistic Decision Making, Pensacola Beach, FL.
- Hunt, E., Joslyn, S., Schweitzer, K., Pyles, J., & Jones, D. (May 2003). Cognitive analysis of naval weather forecasting. Presentation to Naval Meteorology & Oceanography Command. Seattle, WA.
- Jones, D., & Joslyn, S. (January 2004). The MURI Uncertainty Monitor. Presentation at The 84th American Meteorological Society Meeting, Seattle, WA.
- Oakes, M., Joslyn, S., Silverman, M. & Nadav-Greenberg, L. (November 2004). Directed forgetting and autobiographical memories: Sensitivity to event details. Presentation at the Annual Meeting of the Psychonomics Society, Minneapolis, MN.
- Joslyn, S., Hunt, E & Schweitzer, K (June 2005) The Impact of Probabilistic Information on Deterministic & Threshold Forecasts Presentation at the 7th International Conference of Naturalistic Decision Making, Amsterdam, the Netherlands.
- Joslyn, S., Jones, D., Schweitzer, K, Pyles, J. & Tewson, P. (June 2005). Designing Tools for Uncertainty Estimation in Naval Weather Forecasting. Presentation at the 7th International Conference of Naturalistic Decision Making, Amsterdam, the Netherlands.
- Joslyn, S. (August, 2006). Use of Uncertainty Information in Deterministic Weather Forecasting Decisions. Joint Statistical Meetings in Seattle, WA.
- Joslyn, S. L., Nadav-Greenberg, L. & Taing, M. (November, 2006). Wording effects on the understanding and use of uncertainty information. Presentation at the Annual Meeting of the Psychonomics Society, Houston, TX.
- Nadav-Greenberg, L., Joslyn, S.L., & Taing, M. (June, 2007). The effect of uncertainty visualizations on decision-making in weather forecasting. Presentation at the 8th International Conference of Naturalistic Decision Making, Pacific Grove, CA.
- Nichols, R. M., Joslyn, S. L., Nadav-Greenberg, L. (May, 2007). Wording uncertainty information in probabilistic weather forecasts. Northwest Cognition and Memory, Vancouver, BC, Canada.
- Fischer, S., Morrin, K., Mautone, P. & Joslyn, S. (May 2008). Multi-Tasking Is More Than Fluid Intelligence and Working Memory. Association for Psychological Science, Chicago, IL.
- Chen, Q., Joslyn, S., Nadav-Greenberg, L., & Savelli, S. (June 2008). Anchoring effects in weather forecasts. Northwest Cognition and Memory, Seattle, WA.
- Savelli, S., Joslyn, S., Nadav-Greenberg, L. & Chen, Q., (November, 2008). Presenting only the worst-case scenario in probabilistic weather forecasts: Anchoring effects. Presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.
- Joslyn, S. & Savelli, S., (June 2009). Visualizing Temperature Forecast Uncertainty for a Non-expert Web Audience. Presentation at the Naturalistic Decision-Making 9th Biannual Conference in London, England.
- Joslyn, S., Savelli, S., & Nadav-Greenberg, L. (July, 2009). Impact of forecast uncertainty on Decisions

- Involving Costs and Losses. Presentation at the Society for Applied Research on Memory and Cognition 7th Biannual Conference in Kyoto, Japan.
- LeClerc, J. Joslyn, S., (November, 2009). Role of Uncertainty Information and Forecast Error in Weather-Related Decision Making. Presentation at the Annual Meeting of the Psychonomics Society, Boston, MA.
- Savelli, S., Joslyn, S. (March, 2010). Public Perception of Weather Forecasts. Pacific Northwest Weather Workshop, Seattle WA.
- Joslyn, S., LeClerc, J. (November, 2010). The impact of forecast uncertainty on decision-making. Presentation at the Annual Meeting of the Psychonomics Society, St Louis, MS.
- Nemec, L., Savelli, S., Joslyn, S. (November 2010). Can people understand verification information for probabilistic weather forecasts? Presentation at the 2010 Annual Meeting of the Psychonomics Society, St. Louis, MO.
- Joslyn, S. (September, 2010). A multi-disciplinary approach to communicating weather forecast uncertainty. Presentation at the Human and Social Dynamics Grantees Conference, Washington, DC.
- LeClerc, J. Joslyn, S., (January, 2011). Effects of the Use of Uncertainty Estimates on Weather-Related Decision-Making. 91st Annual Meeting of the American Meteorological Society, Seattle, WA.
- Joslyn, S. & Savelli (May 2011). Visualization: Is it really the best way to communicate forecast uncertainty to non-expert end users? Presentation at the 10th International Conference on Naturalistic Decision Making, Orlando, FL.
- LeClerc, J., & Joslyn, S. (May 2011). Communicating forecast uncertainty for severe weather events. Presentation at the 10th International Conference on Naturalistic Decision Making, Orlando, FL.
- Savelli, S. & Joslyn, S. (June 2011). Reducing probabilistic weather forecast uncertainty to the worst-case scenario. Presentation at the National Unified Operational Prediction Capability (NUOPC) Workshop. Seattle, WA.
- Savelli, S. & Joslyn, S. (November 2011). Does anchoring affecting a numeric estimate also affect decisions based on that estimate. Presentation at the 2011 Annual Meeting of the Society for Judgment and Decision Making, Seattle, WA.
- LeClerc, J., & Joslyn, S. (November 2011). Decision making in severe weather uncertainty: Climatological odds and advice. Presentation at the 2011 Annual Meeting of the Psychonomics Society, Seattle, WA.
- Joslyn, S. & Savelli, S (November, 2011) Communicating Forecast Uncertainty: Visualization Doesn't Always Help. Presentation at the 2011 Annual Meeting of the Psychonomics Society, Seattle, WA.
- Joslyn, S., Grounds, M., LeClerc, J. (November, 2012) The Effects of Communication Formats and Decisions in Different Weather Situations. Presentation at the 2012 Annual Meeting of the Psychonomics Society, Minneapolis, MN.

- LeClerc, J., Joslyn, S. (November, 2012) Uncertainty Estimates and the Interpretation of Climate Change Forecasts. Presentation at the 2012 Annual Meeting of the Psychonomics Society, Minneapolis, MN.
- LeClerc, J., & Joslyn, S. (March 2012). Odds ratio forecasts increase precautionary action for severe weather events. Presentation at the 2012 Northwest Weather Workshop, Seattle, WA.
- Joslyn, S., & LeClerc, J. (May 2013). The “Cry Wolf” Effect and weather related decision making. Presentation at the 11th International Conference on Naturalistic Decision Making, Marseilles, France.
- LeClerc, J., Joslyn, S. (November, 2013) Improving Compliance with Weather Warnings. Presentation at the 2013 Annual Meeting of the Psychonomics Society, Toronto, Canada.
- Ground, M., Joslyn, S. (November, 2013) Individual Differences in Interpreting Weather Forecast Uncertainty. Presentation at the 2013 Annual Meeting of the Psychonomics Society, Toronto, Canada.
- Joslyn, S., Ground, M. & LeClerc, J. (November, 2014) *The Effects of Uncertainty Information, Recency and Feedback on Decision Making* Presentation at the 2014 Annual Meeting of the Psychonomics Society, Los Angeles, CA.
- Demnitz, R, Joslyn, S.,(November, 2015) *Climate Forecasts and Climate Related Decisions and Perceptions* Presentation at the 2015 Annual Meeting of the Psychonomics Society, Chicago, Ill.
- Joslyn, S., Ground, M. (November, 2015) *Probabilistic Weather Forecasts: Age, Education, and Numeracy* Presentation at the 2015 Annual Meeting of the Psychonomics Society, Chicago, Ill.
- Joslyn, S., Binz, K. & Burgeno, J (March 2017) The Effects of Forecast Consistency & Accuracy on Trust Presentation at the Pacific Northwest Weather Workshop NOAA Western Regional Center
- Burgeno, J. & Joslyn, S. (2017) The Impact of Inconsistent Forecasts on User Trust Presentation at the Annual Meeting of the Psychonomics Society, Vancouver, BC.
- Losee, J & Joslyn, S. (2017, November) The Need to Trust: How Features of the Forecasted Weather Increase Forecast Trust. Presentation at the Annual Meeting of the Psychonomics Society, Vancouver, BC.
- Demnitz, R. & Joslyn, S. (2017, November) The Effects of Recent Events and Uncertainty Estimates on Decision Quality. Presentation at the Annual Meeting of the Society of Judgment and Decision-Making, Vancouver, BC.
- Galusic, G., Joslyn, S. (March 2018) Warning Forecasts: Does Color Coding Help? Presentation at the Pacific Northwest Weather Workshop NOAA Western Regional Center
- Demuth, JL, S Joslyn, S Savelli, C Qin, R Morss, K Ash (2018). A 30% chance of a tornado?: Assessing public understanding, risk perception, and responses to probabilistic tornado warnings. Society for Risk Analysis annual meeting, 3 December, New Orleans, L

Demnitz, R. & Joslyn, S. (2018) Communicating Global Warming Effectively. Presentation at the Annual Meeting of the Society for Judgment and Decision-Making, New Orleans, LA.

Galusic, G., Joslyn, S. (November 2018) Communicating Warnings: Does Color-Coding Help? Presentation at the Annual Meeting of the Psychonomics Society, New Orleans, LA.

Burgeno, J. & Joslyn, S. (November 2018) The Impact of Inconsistent Forecasts on Trust. Presentation at the Annual Meeting of the Society for Judgment and Decision-Making, New Orleans, LA.

Invited Presentations

Joslyn, S. (2005). Understanding and Using Uncertainty Information in Weather Forecasting. Presentation to the National Academy of Sciences committee on Estimating and Communicating Uncertainty in Weather and Related Forecasts. Boulder, CO.

Joslyn, S. L., (June, 2007). Understanding and using weather forecast uncertainty information. Presentation at the workshop: Meteorology meets Decision Science: Risk, Forecast and Decision, Met Office, Exeter, United Kingdom.

Joslyn, S. (April, 2010). The Impact of Forecast Uncertainty on Decision Making. Presentation at the Hurricane Forecast Improvement Project (HFIP) Product Development workshop, National Center for Atmospheric Research (NCAR) Boulder, CO.

Joslyn, S. (August, 2010). Forecast Uncertainty and the End User. Presentation at DTC Ensemble Testbed (DET) Workshop, National Center for Atmospheric Research (NCAR) Boulder CO.

Joslyn, S. (June, 2010). Communicating uncertainty forecasts & verification to non-expert users. Verification Colloquium, National Center for Atmospheric Research (NCAR) Boulder, CO.

Joslyn, S. (August, 2011). Forecast Uncertainty and the End User. Presentation before the National Research Council Committee on the Assessment of the National Weather Service's Modernization Program, National Center for Atmospheric Research (NCAR) Boulder, CO.

Joslyn, S. (December, 2011). Keynote Presentation: Uncertainty Forecasts and the End-User 5th I International Verification Workshop, Bureau of Meteorology, Melbourne, Australia.

Joslyn, S. (December, 2011). Communication Uncertainty Forecasts to the End-User. Disaster Mitigation Program, Bureau of Meteorology, Melbourne, Australia.

Joslyn, S., Coleman, B., Stevenson, Eckle, T. Panel Discussion. How do we Communicate Uncertainty When Forecasts Change in Time? Presentation at the 2012 Northwest Weather Workshop, Seattle, WA.

Joslyn, S., (March, 2013). Uncertainty Forecasts and End-Users Keynote Address at the 2013 Northwest

Weather Workshop, Seattle, WA.

- Joslyn, S. (June 2014) Communicating Uncertainty Information. Address at the Battlespace Environment (QUBE) and the Navigation in Uncertainty (NiU) Advanced Research Challenge Workshop
- Joslyn, S. & LeClerc, J. (2014). Uncertainty Forecasts and the General Public. Presentation at the American Psychological Association Annual Meeting in Washington DC
- Joslyn, S., (Sept, 2014). How Do People Understand Forecast Uncertainty, Presentation at PCC Summer Institute and Friday Harbor Lab Research Symposium
- Joslyn, S., (May, 2015), Uncertainty Forecasts and General Public End Users, Presentation at 49th CMOS Congress & 13th AMS Conference on Polar Meteorology and Oceanography in Whistler, BC, Canada
- Joslyn, S., (August, 2016), Uncertainty Forecasts and Non-Experts, Presentation at Max Plank Institute, Berlin Germany
- Joslyn, S., (November, 2016) Uncertainty Information for Everyday Users, Presentation at Zillow Corporation, Seattle, WA
- Joslyn, S., (January, 2017) The Cognitive Approach. Presentation to the National Academy of Science Committee on Advancing Social and Behavioral Science Research and Application within the Weather Enterprise. Seattle, WA
- Joslyn, S., (January, 2017) The Cognitive Approach to Interdisciplinary Work. Session 11B: Social Science, Communication, and the Weather Enterprise. Annual Meeting of the American Psychological Society Seattle, WA
- Joslyn, S., (May, 2017), Uncertainty Forecasts and Non-Expert End-Users, Keynote Presentation at Workshop for Computer-Human Interaction, Denver, CO
- Demuth, JL, S Savelli, S Joslyn, C Qin, R Morss, K Ash, H Lazrus, J Vickery, D Smith, K Anderson, L Palen, J Henderson, (2018). Risk, information, and vulnerability for evolving tornado threats. Presentation given at the American Meteorological Society Severe Local Storms conference, 25 October, Stowe, VT. <https://ams.confex.com/ams/29SLS/webprogram/Paper348786.html>
- Joslyn, S., Demnitz, R. (Sept, 2018). Psychological Effects of Climate Projections with Uncertainty Estimates, Invited Presentation at UW Program on Climate Change Summer Institute, " Sources of Uncertainty in Long-Term Climate Projections."
- Joslyn, S. (January, 2019) The Other Uncertainty—Two Levels from a Cognitive Perspective, Invited Presentation at the 99th annual meeting of the American Meteorological Society Meeting, Phoenix, AZ.
- Joslyn, S. (January, 2019) Consistency—A Psychological Perspective, Invited Presentation at the 99th annual meeting of the American Meteorological Society Meeting, Phoenix, AZ.

Professional Service

- Editorial Board: JEP: Applied
- Ad Hoc Reviewer: Memory, Cognitive Systems Research, Applied Cognitive Psychology, Weather & Forecasting, Meteorological Applications, Journal of Cognitive Engineering and Decision Making, Weather, Climate, and Society, Acta Psychologica, Risk Analysis
- Grant reviewer for National Science Foundation
- Member of the Living With Extreme Weather National Alliance.
- Steering Committee member: Alliance for Integrative Approaches to Extreme Environmental Events
- NOAA Integrated Weather Team
- Advisor Hazardous Weather Testbed

Membership in Professional Societies

- Psychonomics Society (Elected Membership)
- American Meteorological Society (AMS)
- Society for Judgment and Decision-making

Consulting

- Safety Analysis of Air Traffic Control Upgrades project for CTAS (Center-TRACON Automation System)
- Development and validation of multi-tasking measure (Cognisient Research)
- Advisory Board Member: Cognitive Task Analysis for Boater Information System (BIS).

Departmental Service

- Curriculum Committee
- Graduate Training Committee
- Teaching Evaluation Committee

Courses Taught

- Cognitive Psychology
- Human Memory
- Applied Issues in Cognition
- Human Performance Lab
- Cognitive Development
- Working Memory
- Psychology of Climate Change
- Core Concepts in Decision Making
- Core Concepts in Memory

Thesis Supervisor

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| Oaks, M., Directed Forgetting of Autobiographical Events | 2005 |
| Nadav-Greenberg, L., The Effectiveness of Weather Uncertainty Information for Decisions Involving Potential Losses | 2008 |

Nemec, L. Can People Understand Verification Information for Probabilistic Temperature Forecasts?	2010
LeClerc, J. Communicating Weather and Climate Uncertainty: Exploratory Research in Cognitive Psychology	2014
Grounds M. Communicating Weather Uncertainty: An Individual Differences Approach	2016

In progress:

Demnitz, R. 5th year student
Bergeno, Jessica, 3rd year student
Galasic, Gala, 2nd year student
Qin, Chao, 1st year student

Updated 4/22/19