Morgan T. Page

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RESEARCH INTERESTS

I am interested in probabilistic hazard analysis and inverse problems in seismology. In particular my research has focused on statistical issues in seismology, including rigorously incorporating model uncertainty into hazard analysis, improving earthquake forecasting, and analyzing nonstationarities in earthquake catalogs.

EDUCATION

University of California, Santa Barbara, California, USA

Advisor: Jean M. Carlson

Ph.D., Physics, 2007

M.A., Physics, 2005

Grinnell College, Grinnell, Iowa USA

B.A., Physics, *with honors*, 2002

B.A., Mathematics, 2002

PUBLICATIONS

Schneider, Max, Michael Barall, Peter Guttorp, Jeanne Hardebeck, Andrew J. Michael, Morgan Page, and Nicholas van der Elst, Bayesian ETAS Modeling for the Pacific Northwest: Uncovering Effects of Tectonic Regimes, Regional Differences, and Swarms on Aftershock Parameters, *Bull. Seism. Soc. Am.* (2025), doi: 10.1785/0120240249

Schneider, Max, Anne Wein, Sara K. McBride, Nicholas van der Elst, Julia S. Becker, Raul Castro, Manuel Diaz, Hector Gonzalez-Huizar, Jeanne Hardebeck, Andrew J. Michael, Luis Mixco, and Morgan Page, Meet the People Where They Are: Assessing User Needs for Aftershock Forecast Products in El Salvador, Mexico and the United States, *Int. J. Disaster Risk Reduct.* (2025), 105450, doi: 10.1016/j.ijdrr.2025.105450

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Page, Morgan T., Nicholas J. van der Elst, and Sebastian Hainzl, Testing Rate–and–State Predictions of Aftershock Decay with Distance, *Seismol. Res. Lett.* (2024), doi: 10.1785/0220240179

Mizrahi, L., *et al.*, Developing, Testing, and Communicating Earthquake Forecasts: Current Practices and Future Directions, *Reviews of Geophysics* (2024), 62, e2023RG000823, doi: 10.1029/2023RG000823

Hardebeck, Jeanne L., Andrea L. Llenos, Andrew J. Michael, Morgan T. Page, Max Schneider, and Nicholas J. van der Elst, Aftershock Forecasting, *Annual Review of Earth and Planetary Sciences* (2024), 52:2.1-2.24, doi: 10.1146/annurev-earth-040522-102129

Petersen, Mark D., *et al.*, The 2023 US 50-State National Seismic Hazard Model: Overview and Implications, *Earthquake Spectra* (2023), 40 (1): 5-88, doi: 10.1177/87552930231215428

Field, Edward H., *et al.*, The USGS 2023 Conterminous U.S. Time-Independent Earthquake Rupture Forecast, *Bull. Seism. Soc. Am.* (2023), 114 (1): 523-571, doi: 10.1785/0120230120

van der Elst, N. J., and M. T. Page, *a*-positive: A Robust Estimator of the Earthquake Rate in Incomplete or Saturated Catalogs, *J. Geophys. Res. - Solid Earth* (2023), 128, e2023JB027089, doi: 10.1029/2023JB027089

Black, B. A., *et al.*, A Multifault Earthquake Threat for the Seattle Metropolitan Region Revealed by Mass Tree Mortality, *Sci Adv.* (2023), 9(39): eadh4973, doi: 10.1126/sciadv.adh4973

Hough, S. E., *et al.*, Modern Products for a Vintage Event: An Update on the 1933 Long Beach, California, Earthquake, *The Seismic Record* (2023), 3 (2): 171-181, doi: 10.1785/0320230015

Cochran, Elizabeth S., Morgan T. Page, Nicholas J. van der Elst, Zachary E. Ross, and Daniel T. Trugman, Fault Roughness at Seismogenic Depths and Links to Earthquake Behavior, *The Seismic Record* (2023), 3 (1): 37-47, doi: 10.1785/0320220043

Page, Morgan T., and Nicholas J. van der Elst, Aftershocks Preferentially Occur in Previously Active Areas, *The Seismic Record* (2022), 2 (2): 100-106, doi: 10.1785/0320220005

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Meier, Men-Andrin, Jean-Paul Ampuero, Elizabeth Cochran, and Morgan Page, Apparent Earthquake Rupture Predictability, *Geophys. J. Int.* (2020), ggaa610, doi: 10.1093/gji/ggaa610

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Hauksson, E., *et al.*, The Normal-Faulting 2020 M_w 5.8 Lone Pine, Eastern California, Earthquake Sequence, *Seism. Res. Lett.* (2020), doi: 10.1785/0220200324

Page, Morgan T., More Fault Connectivity Is Needed in Seismic Hazard Analysis, *Bull. Seism. Soc. Am.* (2020), doi: 10.1785/0120200119

Field, Edward H., Kevin R. Milner, and Morgan T. Page, Generalizing the Inversion-Based PSHA Source Model for an Interconnected Fault System, *Bull. Seism. Soc. Am.* (2020), doi: 10.1785/0120200219

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Milner, K. R., E. H. Field, W. H. Savran, M. T. Page, and T. H. Jordan, Operational Earthquake Forecasting during the 2019 Ridgecrest, California, Earthquake Sequence with the UCERF3-ETAS Model, *Seism. Res. Lett.* 91, 3 (2020), doi: 10.1785/0220190294

Michael, Andrew J., Sara K. McBride, Jeanne L. Hardebeck, Michael Barall, Eric Martinez, Morgan T. Page, Nicholas van der Elst, Edward H. Field, Kevin R. Milner, and Anne M. Wein, Statistical Seismology and Communication of the USGS Operational Aftershock Forecasts for the 30 November 2018 M_w7.1 Anchorage, Alaska, Earthquake, *Seism. Res. Lett.* 91, 1 (2019), doi: 10.1785/0220190196

McBride, Sara K., Andrea L. Llenos, Morgan T. Page, and Nicholas van der Elst, #EarthquakeAdvisory: Exploring Discourse Between Government Officials, Broadcast and Social Media During the Bombay Beach 2016 Swarm, *Seism. Res. Lett.*, 91 (2019), doi: 10.1785/0220190082

Trugman, Daniel T., Morgan T. Page, Sarah E. Minson, and Elizabeth S. Cochran, Peak Ground Displacement Saturates Exactly When Expected: Implications for Earthquake Early Warning, *J. Geophys. Res. - Solid Earth* 124 (2019), doi: 10.1029/2018JB017093

Minson, Sarah E., Annemarie S. Baltay, Elizabeth S. Cochran, Thomas C. Hanks, Morgan T. Page, Sara K. McBride, Kevin R. Milner, Men-Andrin Meier, The Limits of Earthquake Early Warning Accuracy and Best Alerting Strategy, *Scientific Reports* 9 (2019), doi: 10.1038/s41598-019-39384-y

Hardebeck, Jeanne L., Andrea L. Llenos, Andrew J. Michael, Morgan T. Page, and Nicholas van der Elst, Updated California Aftershock Parameters, *Seism. Res. Lett.* 90 (2018), doi: 10.1785/0220180240

Page, M. T., and N. J. van der Elst, Fault-tolerant b-Values and Aftershock Productivity, *J. Geophys. Res. - Solid Earth* 123 (2018), doi: 10.1029/2018JB016445

Page, Morgan T. and Nicholas J. van der Elst, Turing-Style Tests for UCERF3 Synthetic Catalogs, *Bull. Seism. Soc. Am.* 108, 2 (2018), doi: 10.1785/0120170223

van der Elst, Nicholas J. and Morgan T. Page, Nonparametric Aftershock Forecasts Based on Similar Sequences in the Past, *Seism. Res. Lett.* 89, 1 (2017), doi: 10.1785/0220170155

Field, E. H., *et al.*, A Synoptic View of the Third Uniform California Earthquake Rupture Forecast (UCERF3), *Seism. Res. Lett.* 88, 5 (2017), doi: 10.1785/0220170045

Field, Edward H., Kevin R. Milner, Jeanne L. Hardebeck, Morgan T. Page, Nicholas van der Elst, Thomas H. Jordan, Andrew J. Michael, Bruce E. Shaw, and Maximilian J Werner, A Spatiotemporal Clustering Model for the Third Uniform California Earthquake Rupture Forecast (UCERF3-ETAS): Toward an Operational Earthquake Forecast, *Bull. Seism. Soc. Am.*, 87, 2A (2017), doi: 10.1785/0120160173

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van der Elst, N. J., M. T. Page, D. A. Weiser, T. H. W. Goebel, and S. M. Hosseini, Induced Earthquake Magnitudes Are as Large as (Statistically) Expected, *J. Geophys. Res. - Solid Earth*, 121 (2016), doi: 10.1002/2016JB012818

Mai, P. Martin, *et al.* The Earthquake-Source Inversion Validation (SIV) Project, *Seism. Res. Lett.* 87, 4 (2016), doi: 10.1785/0220150231

Hough, Susan E. and Morgan Page. The Petroleum Geologist and the Insurance Policy, *Seism. Res. Lett.* 87, 1 (2015), doi: 10.1785/0220150218

Hough, Susan E. and Morgan Page. A Century of Induced Earthquakes in Oklahoma?, *Bull. Seism. Soc. Am.* 105, 6 (2015), doi: 10.1785/0120150109

Page, Morgan, and Karen Felzer. Southern San Andreas Fault Seismicity is Consistent with the Gutenberg-Richter Magnitude-Frequency Distribution, *Bull. Seism. Soc. Am.* 105, 4 (2015), doi: 10.1785/0120140

Field, E. H., *et al.*, Long-Term Time-Dependent Probabilities for the Third Uniform California Earthquake Rupture Forecast (UCERF3), *Bull. Seism. Soc. Am.* 105, 2A (2015), doi: 10.1785/0120140093

Felzer, Karen R., Morgan T. Page, and Andrew J. Michael, Artificial Seismic Acceleration, *Nat. Geosci.* 8, 82-83 (2015), doi: 10.1038/ngeo2358

Page, Morgan T. and Susan E. Hough, The New Madrid Seismic Zone: Not Dead Yet, *Science* (2014), doi: 10.1126/science.1248215

Page, Morgan, Edward H. Field, Kevin Milner, and Peter Powers. The UCERF3 Grand Inversion: Solving for the Long-term Rate of Ruptures in a Fault System, *Bull. Seism. Soc. Am.* 104, 3 (2014). doi: 10.1785/0120130180. *Also published as* Grand Inversion Implementation and Testing, Appendix N to the Uniform California Earthquake Rupture Forecast, Version 3 (UCERF3), by the Working Group on California Earthquake Probabilities, U.S. Geological Survey Open-File Report 2013-1165, 97 p., California Geological Survey Special Report 228, and Southern California Earthquake Center Publication 1792 (2013), available at *http://pubs.usgs.gov/of/2013/1165/*.

Field, E. H., *et al.* Uniform California Earthquake Rupture Forecast, Version 3 (UCERF3) – The Time-Independent Model, *Bull. Seism. Soc. Am.* 104, 3 (2014). doi: 10.1785/0120130164. *Also published as* U.S. Geological Survey Open-File Report 2013-1165, 97 p., California Geological Survey Special Report 228, and Southern California Earthquake Center Publication 1792 (2013), available at *http://pubs.usgs.gov/of/2013/1165/*.

Milner, Kevin R., Morgan T. Page, Edward H. Field, Tom Parsons, Glenn P. Biasi, and Bruce E. Shaw, Defining the Inversion Rupture Set Using Plausibility Filters, Appendix T to the Uniform California Earthquake Rupture Forecast, Version 3 (UCERF3), by the Working Group on California Earthquake Probabilities, U.S. Geological Survey Open-File Report 2013-1165, 97 p., California Geological Survey Special Report 228, and Southern California Earthquake Center Publication 1792 (2013), available at *http://pubs.usgs.gov/of/2013/1165/*.

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Page, Morgan T., David Alderson, and John Doyle, The Magnitude Distribution of Earthquakes near Southern California Faults, *J. Geophys. Res. - Solid Earth* 116, B12309 (2011), doi: 10.1029/2010JB007933

Hough, Susan E. and Morgan Page, Towards a Consistent Model for Strain Accrual and Release for the New Madrid, Central U.S., Seismic Zone, *J. Geophys. Res. - Solid Earth* 116, B03311 (2011), doi:10.1029/2010JB007783

Field, Edward. H., and Morgan T. Page, Estimating Earthquake-Rupture Rates on a Fault or Fault System, *Bull. Seism. Soc. Am.* 101, 1 (2011), doi: 10.1785/0120100004

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Page, M. T., S. Custódio, R. J. Archuleta, and J. M. Carlson, Constraining Earthquake Source

Inversions with GPS Data 1: Resolution Based Removal of Artifacts, *J. Geophys. Res. - Solid Earth* 114, B01314 (2009), doi: 10.1029/2007JB005449

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Page, M. T. and J. M. Carlson, Methodologies for Earthquake Hazard Assessment: Model Uncertainty and the WGCEP-2002 Forecast, *Bull. Seism. Soc. Am.* 96, 5 (2006), doi: 10.1785/0120050195

Page, M. T., E. M. Dunham, and J. M. Carlson, Distinguishing Barriers and Asperities in Near-Source Ground Motion, *J. Geophys. Res. - Solid Earth* 110, B11302 (2005), doi: 10.1029/2005JB003736

Petry, D., *et al.*, The TeV spectrum of H1426+428, *Astrophys. J.* 580, 104 (2002), doi: 10.1086/343102

| Honors, Awards, and Service | Member, SCEC Science Steering Committee, 2024-present |

Member, SCEC Science Steering Committee, 2024-present

SCEHAP Project Lead, 2022-present

Member, SCEC Planning Committee, 2019-2024

Member, California Earthquake Prediction Evaluation Council (CEPEC), 2015-present

Task Leader, Uniform California Earthquake Rupture Forecast, Version 3 (UCERF3)

SCEC Honorary Lecturer, 2010

Associate Editor, Bulletin of the Seismological Society of America, 2010-2013

Co-organizer, Source Inversion Validation exercise, with Martin Mai and Danijel Schorlemmer, 2008-2016

Mendenhall Postdoctoral Fellowship, 2007

Best Student Presentation Award, Seismological Society of America, 2007

Key Scientist, Uniform California Earthquake Rupture Forecast, Version 2 (UCERF2)

National Science Foundation Graduate K-12 Education Fellowship, 2005

National Science Foundation Graduate K-12 Education Fellowship, 2004

Best Student Presentation Award, Seismological Society of America, 2004

Broida Fellowship, University of California, Santa Barbara, 2002

Eugene Cota-Robles Fellowship, University of California, Santa Barbara, 2002

Meritorious Rating, COMAP Mathematical Contest in Modeling, 2000

Invited Talks Page, M.T., At the Testing Frontier, SSA Annual Meeting, 2025.

Page, M. T., N. van der Elst, and S. Hainzl, Testing Rate-and-State Predictions of Aftershock

Behavior, University of Bristol, United Kingdom, 2024.

Page, M. T. and N. van der Elst, Testing Rate-and-State Predictions of Aftershock Decay, StatSei, Shenzhen, China, 2024.

Page, M. T., Linking Earthquake Statistics to Fault Zone Structure, University of Southern California, 2023.

Page, M. T., Connecting Seismic Hazard across Temporal Scales, Meeting of the Committee on Seismology and Geodynamics, 2022.

Page, M. T., Connecting Seismicity Patterns to Earthquake Forecasting and Hazard, University of California, Riverside, 2022.

Page, M. T., Finding the Next Layer of Patterns in Seismicity, Seismology and Artificial Intelligence Workshop, Frankfurt Institute for Advanced Studies, 2021.

Page, M. T., Connecting Seismicity Patterns to Earthquake Forecasting and Hazard, Seismo Lab Seminar, California Institute of Technology, 2021.

Page, M. T., Forecasting Future Earthquakes, Squire Lecture, Grinnell College, 2019.

Page, M. T., Stranger Quakes: Why Earthquakes Are Even Weirder than You Thought, Squire Lecture, Grinnell College, 2019.

Page, M. T., The Bombay Beach Swarm and Its Effect on the San Andreas Fault, Meeting of the Committee on Seismology and Geodynamics, Berkeley, 2019.

Page, Morgan T., Nicholas van der Elst, Edward H. Field, and Kevin R. Milner, Extreme Fault Connectivity and What It Means for Seismic Hazard Models, AGU Fall Meeting, 2018.

Page, Morgan T., Nicholas van der Elst, Edward Field, and Kevin Milner, Extreme Fault Connectivity and What It Means for Seismic Hazard Models, 12th Joint Meeting of UJNR Panel on Earthquake Research, Kumamoto, Japan, 2018.

Page, Morgan T., Karen Felzer, and Andrew Michael, Foreshocks are not predictive of future earthquake size, ISEF/IWEP5 Meeting, Chiba, Japan, 2018.

Page, Morgan T., Edward H. Field, and Kevin R. Milner, Seismic Hazard Analysis on a Complex, Interconnected Fault Network, American Geophysical Union Fall Meeting, 2017.

Page, Morgan. Breaking Badly: Forecasting California Earthquakes, Sierra Nevada Aquatic Research Laboratory, 2015.

Page, Morgan. Breaking Badly: Forecasting California Earthquakes, USGS Public Lecture Series, Menlo Park, 2015.

Page, Morgan. Breaking Badly: Forecasting California Earthquakes, U.S. Army Corps of Engineers, Los Angeles, 2015.

Page, Morgan. UCERF3: A New Earthquake Forecast for California, Earthquake Research Affiliates Meeting, 2015.

Page, M. T., E. H. Field, and K. R. Milner. UCERF3: Lessons Learned, SSA Annual Meeting, 2015.

Page, Morgan, and Susan Hough. Evidence Against the New Madrid Long-Lived Aftershock Hypothesis, American Geophysical Union Fall Meeting, 2014.

Page, Morgan, Ned Field, and Kevin Milner. Towards a Consistent, Fault-Based Hazard Model Spanning Minutes to Centuries, 10th Joint Meeting of UJNR Panel on Earthquake Research, Sendai, Japan, 2014.

Page, Morgan. UCERF3: Modeling California's Seismic Future, SCEC Intern Seminar, University of Southern California, 2014.

Page, M. T., E. H. Field, and K. R. Milner. Local Magnitude Distributions in the 3rd Uniform California Earthquake Rupture Forecast (UCERF3), Seismological Society of America Annual Meeting, 2014.

Page, Morgan, and Susan Hough. Debunking the Long-lived Aftershock Hypothesis, CEUS Earthquake Hazards Research Review and Planning Workshop, Memphis, 2014.

Page, M. T., E. H. Field, and K. R. Milner. The Importance of Fault System Connectivity for Probabilistic Seismic Hazard Analysis, American Geophysical Union Fall Meeting, 2013.

Page, Morgan. Breaking Badly: Forecasting California Earthquakes, UCLA Physics Colloquium, 2013.

Page, Morgan. The UCERF3 Model, SCEC Intern Seminar, University of Southern California, 2013.

Page, Morgan, Ned Field, Kevin Milner, and Peter Powers. The UCERF3 Grand Inversion, NSHMP UCERF3 Workshop, 2013.

Page, Morgan, Ned Field, and Kevin Milner. The UCERF3 Inversion Methodology, Global Earthquake Model (GEM) Workshop, UCLA, 2013.

Page, Morgan. Evidence for and against G-R Scaling on Faults. San Onofre Nuclear Generating Station (SONGS) Seismic Source Characterization Workshop, Irvine, 2013.

Page, Morgan. Evidence for and against G-R Scaling on Faults. Diablo Canyon Power Plant Seismic Source Characterization Workshop, San Luis Obispo, 2012.

Page, Morgan, Ned Field, and Kevin Milner. UCERF3: Grand Inversion Results. USGS NSHMP California Workshop, Newark, California, 2012.

Page, Morgan. Data-Rich Transform Faults. Powell Working Group Meeting on Maximum Magnitude and Earthquake Recurrence, Fort Collins, 2012.

Page, Morgan. The UCERF3 Model: How Seismic, Paleoseismic, Geodetic, and Geologic Data are Used to Solve for the Rates of Earthquakes on a Complex Fault System. SCEC Intern Seminar, University of Southern California, 2012.

Page, Morgan, Ned Field, and Kevin Milner. The Grand Inversion Preliminary Model. UCERF3 Meeting, University of Southern California, 2012.

Page, Morgan, Ned Field, and Kevin Milner. A Truly Grand Inversion for Long-Term Rupture Rates: Preliminary Results using UCERF2 Ingredients. UCERF3 Meeting, Berkeley, 2011.

Page, Morgan, Karen Felzer, Ned Field, and Kevin Milner. Evidence Against Characteristic Faults

and Implications for Seismic Hazard Analysis. University of California, Santa Cruz, 2011.

Page, Morgan, and Ned Field. The "Baby Grand" Inversion: Solving for Northern CA Rupture Rates. UCERF3 Meeting, Oxnard, 2011.

Page, Morgan, and Karen Felzer. Evidence for the Gutenberg-Richter Magnitude Frequency Distribution on the Southern San Andreas Fault. UCERF3 Meeting, Oxnard, 2011.

Page, Morgan, Karen Felzer, and Ned Field. The Where and Why of Gutenberg-Richter Magnitude Scaling. SCEC honorary lecture, Northwestern University, 2011.

Page, Morgan, and Ned Field. Use of Deformation Models in UCERF3. UCERF3 Deformation Workshop, Golden, 2011.

Page, Morgan, Karen Felzer, and Ned Field. The Where and Why of Gutenberg-Richter Magnitude Scaling. SCEC honorary lecture, University of California, Los Angeles, 2011.

Page, Morgan, Martin Mai, Mathieu Causse, Jerg Gauser, and Danijel Schorlemmer. Source Inversion Validation (SIV): Current Progress and Future Directions. Dynamic Rupture Code Validation Workshop, 2011.

Page, Morgan, Karen Felzer, and Ned Field. The Where and Why of Gutenberg-Richter Magnitude Scaling. SCEC honorary lecture, Princeton University, 2011.

Page, Morgan, and Ned Field. Solving for the Rates of Earthquakes on a Complex Fault System: An Inverse Approach. Earth Science Department Seminar, University of California, Santa Barbara, 2010.

Page, Morgan, and Ned Field. Generalized Inversion for Long-Term Rupture Rates: An Earthquake Rate Model for UCERF3. UCERF3 meeting, 2010.

Page, Morgan, and Ned Field. Solving for Earthquake Rupture Rates on a Complex Fault Network. 8th Joint Meeting of UJNR Panel on Earthquake Research, Nagaoka, Japan, 2010.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, J. M. Carlson, Martin Mai, and Danijel Schorlemmer. Quantifying Uncertainty in Earthquake Source Inversions. USGS Modeling Conference, 2010.

Page, Morgan, Karen Felzer, Ray Weldon, Glenn Biasi, David Alderson, and John Doyle. The Case for Gutenberg-Richter Scaling on Faults. SSA Annual Meeting, 2010. Available at *http://www.seismosoc.org/meetings/2010/eqdebates*.

Page, Morgan. Review of the September 2009 SIV Workshop. Source Inversion Validation Workshop at KAUST, Saudi Arabia, 2010.

Page, Morgan, and Ned Field. Constraining the Earthquake Rate Model: The Magnitude-Frequency Distribution and Catalog Seismicity. UCERF3 Meeting, 2009.

Page, Morgan, and Ned Field. A Generalized Inverse Approach. UCERF3 Meeting, 2009.

Page, Morgan, Martin Mai, and Danijel Schorlemmer. Source Inversion Validation (SIV): Past, Present, and Future. Dynamic Rupture Code Validation Workshop, 2009.

Page, Morgan, Karen Felzer, Ray Weldon, Glenn Biasi, David Alderson, John Doyle, and Ned

Field. Magnitude-frequency Statistics on a Single Fault: Gutenberg-Richter or Characteristic? U.S. Geological Survey, Menlo Park, 2009.

Page, Morgan, Angela Jayko, Anthony Guarino, Egill Hauksson, Ken Hudnut, Sue Hough, and Bob Dollar. The October 2009 Earthquake Sequence near Olancha, CA. Earthquake Research Affiliates Meeting, 2009.

Page, Morgan, Karen Felzer, Ray Weldon, Glenn Biasi, David Alderson, John Doyle, and Ned Field. The Evidence for Gutenberg-Richter Statistics on Individual Faults. University of Southern California, 2009.

Page, Morgan, Karen Felzer, Ray Weldon, Glenn Biasi, David Alderson, John Doyle, and Ned Field. Magnitude-frequency statistics on a single fault: Does Gutenberg-Richter scaling apply? SCEC Annual Meeting, 2009.

Page, Morgan, Karen Felzer, Ray Weldon, Glenn Biasi, David Alderson, John Doyle, and Ned Field. Testing the Characteristic Earthquake Hypothesis. 6th International Workshop on Statistical Seismology, 2009.

Page, Morgan, Karen Felzer, Ray Weldon, Glenn Biasi, David Alderson, and John Doyle. Seismicity in Major Fault Zones in Southern California: Gutenberg-Richter or Characteristic? Tectonics Observatory Seminar, California Institute of Technology, 2009.

Page, Morgan, Karen Felzer, Ray Weldon, and Glenn Biasi. The Magnitude-Frequency Distribution of the Southern San Andreas Fault: Resolving Apparent Deviations from Power-Law Behavior. Complex Systems and Condensed Matter Seminar, University of California, Santa Barbara, 2009.

Page, Morgan, David Alderson, John Doyle, and Andrew Michael. Nonstationarities in the California Catalog. Post-doc Colloquium, U.S. Geological Survey, Menlo Park, 2008.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, and J. M. Carlson. Strategies for Uncertainty Assessment in Source Inversions. Source Inversion Workshop, 2008.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, and J. M. Carlson. GPS Inversions: What Can They Resolve? Dix Seismo Lab Seminar, California Institute of Technology, 2007.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, and J. M. Carlson. Constraining Earthquake Source Inversions with GPS Data: Resolution Based Removal of Artifacts. U.S. Geological Survey, Menlo Park, 2007.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, and J. M. Carlson. Using Resolution Information to Eliminate Artifacts in Earthquake Source Inversions. University of Southern California, 2007.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, and J. M. Carlson. Resolution of Slip from Inversions of GPS Data. Lamont-Doherty Earth Observatory, 2007.

Page, Morgan, Susana Custódio, Ralph J. Archuleta, and J. M. Carlson. Resolution of GPS Data from the 2004 $M_w 6$ .0 Parkfield Earthquake. 6th Joint Meeting of UJNR Panel on Earthquake Research, Tokushima, Japan, 2006.

Page, Morgan, and J. M. Carlson. Quantifying Spatial Resolution and Uncertainty in Kinematic Inversions. Connections II Workshop, California Institute of Technology, 2005.

Page, Morgan. Predicting the Unpredictable: A Look at Earthquakes. Condensed Matter Seminar, University of California, Santa Barbara, 2004.

RESEARCH EXPERIENCE	**U.S. Geological Survey**, Pasadena, California USA	

Research Geophysicist **2009-present**

Mendenhall Postdoctoral Fellow **2007-2009**
Advisor: Dr. Ned Field Geophysics

University of California, Santa Barbara, Dept. of Physics, Santa Barbara, California USA

Graduate Research Assistant **2003-2007**
Advisor: Dr. Jean M. Carlson Geophysics

Grinnell College, Dept. of Physics, Grinnell, Iowa USA

Undergraduate Research Assistant **2000-2001**
Advisor: Dr. Charles Duke Gamma-ray Astronomy

Undergraduate Research Assistant **Summer 1999**
Advisor: Dr. Mark Schneider Modeling of a Low-Energy Positron Spectrometer

TEACHING EXPERIENCE **University of California, Santa Barbara**, Santa Barbara, California USA

Leaps Fellow **2005-2006**

    Santa Barbara High School

Leaps Fellow **2004-2005**

    Santa Barbara Junior High School

The Leaps Fellowship program is part of an NSF GK-12 grant to UCSB and places graduate students in 8th and 9th grade science classrooms. As a Leaps fellow I taught lessons, designed curricula and demonstrations, and ran labs at the local schools. I also helped to arrange Family Science nights, field trips, and lab tours, with the goal of better integrating local science classrooms, UCSB, and the community.

Calculus tutor **1999-2001**

    Grinnell College Math Lab

OUTREACH Speaker, Earthquake Country Alliance Seminar, 2020.

Speaker, Consular Corps Emergency Seminar, Los Angeles, 2019.

Lecturer to Visiting Japanese High School Students, 2015, 2017-2019.

Atlas Obscura Tour Leader, 2017-2018.

Speaker, Caltech Summer Research Connection, 2014, 2017-2019.

Lecturer, Forest Service, 2017.

Lecturer, USGS Menlo Park Evening Lecture Series, 2015.

Lecturer, Sierra Nevada Aquatic Research Laboratory, 2015.

Lecturer, Los Angeles Army Corps of Engineers, 2015.

Volunteer, Santa Monica Mountains Science Fair, 2013, 2015.

Lecturer, USGS Pasadena Public Lecture Series, 2011.

Speaker, Pasadena Senior Center, 2011.

Keynote Speaker, Girl Scouts Family Science Festival, 2008.

Co-chair and Webmaster, Women in Physics Group, UCSB, 2005-2007.

Judge, Santa Barbara Junior High Science Fair, 2004, 2005, 2006.

Volunteer, Science and Technology Day, University of California, Santa Barbara, 2005.

Graduate Mentor, Women in Science and Engineering, University of California, Santa Barbara, 2004-2007.

Coordinator, Grinnell Women in Physics Lunches, Grinnell College, 2000-2001.

Volunteer, Saturday Science Outreach Program, Grinnell College, 2000-2001.

Teaching Assistant, Summer Astronomy Program, Grinnell College, 2000.