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August 19, 2022

CURRICULUM VITAE

EDUCATION:

- *Stanford University*, Stanford, California, Ph.D., Geological Sciences, 1993.
- *University of Colorado*, Boulder, Colorado, M.S., Structural Geology, 1989.
- *Universität Tübingen*, Germany, Vordiplom, Geology, Paleontology and Mineralogy, 1987.

RESEARCH INTERESTS:

Active tectonics and crustal rheology. Using the Global Positioning System and Synthetic Aperture Radar Interferometry to measure crustal deformation near active faults, volcanoes and landslides. Develop mechanical models of crustal deformation through the earthquake cycle along major fault zones to better understand the rheology and deformation mechanisms in the Earth's lithosphere.

PROFESSIONAL EXPERIENCE:

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| Since 06/06 | Professor, Department of Earth and Planetary Science, UC Berkeley |
| 01/01-06/06 | Associate Professor, Dept. of Earth and Planetary Science, UC Berkeley |
| 07/98-12/00 | Assistant Professor, Department of Geology and Geophysics, UC Berkeley |
| 01/95-06/98 | Assistant Professor, Department of Geology, UC Davis |
| 10/93-12/94 | Postdoctoral Scholar, Department of Geophysics, Stanford University |
| 06/91-09/91 | Student Employee at U.S. Geological Survey, Menlo Park |
| 09/89-06/91 | Teaching Assistant, Department of Geology, Stanford University |
| 09/88-05/89 | Research Assistant, Department of Geology, University of Colorado, Boulder |
| 10/86-06/87 | Research Assistant, Universität Tübingen, Germany |

AWARDS AND MEMBERSHIPS:

Fellow, American Association for the Advancement of Science (AAAS), 2019
Miller Research Professor, UC Berkeley, 2014
Fellow, American Geophysical Union (AGU), 2013
Birch Lecturer, American Geophysical Union, 2013 Fall Meeting
UC Berkeley Faculty Award for Excellence in Postdoctoral Mentoring, 2012
Alexander von Humboldt Foundation, Friedrich Wilhelm Bessel Prize, 2005
Geological Society of America Outstanding Student Research Award, 1992
Stanford-U.S. Geological Survey Graduate Fellowship, 1991-92
Geological Society of America Grant, 1988, 1990, 1991, and 1992
Mc Gee Award, 1990, 1991, and 1992
Centennial Teaching Assistant Award, Stanford University, 1991

Donath Honors Fellowship in Earth Sciences, 1990-91
Sigma Xi Grants-in-Aid, 1990
Fulbright Scholarship, 1987-1989
'Studienstiftung des Deutschen Volkes' Scholarship 1987-1989
Member of the AAAS, AGU, GSA, and SSA

SERVICE (Since 2010):

2007 – 2010 Elected member, SSA Board of Directors
2008 – 2010 Elected, Vice-chair, WInSAR Standing Committee
2008 – 2010 Elected, Vice-chair, WInSAR Standing Committee
2010 Member, USGS-NEHRP proposal review panel, Earthquake Physics
2008 – 2011 Member, PBO Advisory Committee
2007 – 2012 SSA Publications Committee
2009 – 2012 Department Chair, EPS
2009 – 2012 Chair, Department of Earth and Planetary Science, UC Berkeley
2011 – 2012 Member, Organizing Committee of Workshop on Advancing Experimental Rock Deformation Research: Scientific and Technical Needs
2008 – 2013 Member, Editorial Advisory Board, *Eos*
2014 – 2015 Member, Organizing Committee, Future Seismic and Geodetic Facility Needs in the Geosciences Workshop
2015 Member, EPS faculty promotion review Ad-Hoc Committee
2015 – 2016 Member, Organizing Committee, 2016 UNAVCO Science Workshop
2015 – 2016 Guest editor, Special Issue in the Journal of Asian Earth Sciences on 25 April 2015 Gorkha Earthquake in Nepal Himalaya
2015 – 2016 Member, UNAVCO Board Nominating Committee
2012 – 2016 Member, Southern California Earthquake Center (SCEC) Board of Directors
2014 – 2016 Co-Chair, IRIS Science Advisory Committee: Faulting and deformation processes
2016 Co-leader SSA Workshop on Publishing for early career scientists, Reno
2013 – 2017 Member, Earth Science Subcommittee (ESS) of NASA Advisory Council
2013 – 2017 Member, Facilities Committee of DEFORM
2014 – 2017 Member, AGU Tectonophysics Union Fellows Committee
2014 – 2018 Member, SSA Honors Committee
2014 – 2019 Member, Membership Committee of UNAVCO
2016 – 2019 Member, Committee on Research (COR), UC Berkeley
2017 – 2019 Co-leader SSA Workshop on Peer Review for early career scientists, Denver, Miami and Seattle
2019 Member, External Review Committee EAPS Department, Purdue University
2019 Member, Berkeley Campus Ad Hoc Review Committee (CAHRC)
2019 Co-chair, SSA Meeting Student Presentation Award
2016 – 2017 Chair, SSA Awards Encouragement Committee (SAEC)

- 2017 – 2020 Member SSA Awards Encouragement Committee (SAEC)
- 2007 – 2020 Member, Editorial Board, *Earth and Planetary Science Letters*
- 2017 – 2021 Member, NASA Earth Science Advisory Committee (ESAC, former ESS)
- 2019 – 2021 Special Issue Associate Editor, *Journal of Geophysical Research*
- 2019 – 2021 Special Issue Associate Editor, *Journal of Geophysical Research*
- 2020 – 2021 Member, SCEC Committee on Basic Questions of Earthquake Science
- 2020 – 2021 Member, Science Coordination Committee, 2021 GAGE/SAGE Science Workshop
- 2021 Member, Subcommittee on SZ4D Implementation Structures
- 2021 Member, External Review Committee, Earth and Environmental Sciences department, University of Michigan
- 2015 – 2022 Advisory Board for COMET (Centre for the Observation and Modelling of Earthquakes, Volcanoes and Tectonics), Leeds UK
- 2016 – 2022 Member, Executive Committee, Miller Institute for Basic Research in Science, Berkeley
- 2017 – 2022 Member, Advisory Committee of the Institute of Earth Sciences, Academia Sinica
- 2020 – 2022 Member, Steering Committee, SZ4D Research Coordination Network
- 2020 – 2022 Member, SZ4D Faulting and Earthquake Cycles Working Group
- 2021 – 2022 Elected member, UNAVCO Board of Directors
- 2021 – 2022 Member, EarthScope Governance Planning Team
- Since 2011 Member, National Earthquake Prediction Evaluation Council (NEPEC)
- Since 2016 Chair, USGS National Earthquake Prediction Evaluation Council (NEPEC)
- Since 2016 Member, USGS Scientific Earthquake Studies Advisory Committee (SESAC)
- Since 2019 Member, SCEC Science Planning Committee (Co-Chair, SDOT Focus Area)
- Since 2019 Member, Advisory Committee of Research Coordination Network: In situ Studies of Rock Deformation (ISRDR)
- Since 2022 Member, SZ4D Committee on Committees
- Since 2022 Member, DFG Expertengremium für die Exzellenzstrategie

INVITED LECTURES (Since 2009):

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|-----------------------------------|---|
| 05/09/2022 Oxford University, UK | Subduction Megathrust Coupling and Slip Through Earthquake Cycles |
| 05/02/2022 INGV, Rome FEAR URL | Subduction Megathrust Coupling and Slip Through Earthquake Cycles |
| 04/27/2022 LMU, Munich | Dynamic Plate Boundaries of the Mendocino Triple Junction |
| 04/16/2022 ETH workshop, Syros | Constraints from Geodesy on Deep Interface Processes |
| 04/04/2022 IPGP, Paris | Subduction Megathrust Coupling and Slip Through Earthquake Cycles |

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| 03/30/2022 | ISTerre, Grenoble | Kinematics, Dynamics and Hazard of Slow-Moving Landslides |
| 03/16/2022 | KAUST, Thuwal | Earthquake Weather? Seasonal Water Storage, Deformation and Seismicity |
| 11/05/2021 | CERI Memphis | Seasonal and Tidal Modulation of Earthquakes and Tremor |
| 09/23/2021 | EPS Seminar, Berkeley | Kinematics, Dynamics and Hazard of Slow-Moving Landslides |
| 07/23/2021 | Berkeley Breakfast Club, Berkeley City Club, Berkeley | Natural Hazards in Your Backyard from Outer Space |
| 04/01/2021 | Univ. of Utah, SLC | Earthquake Weather? Seasonal Water Storage, Deformation and Seismicity |
| 01/13/2021 | Univ. of Oregon, Eugene | Seasonal water storage and modulation of earthquakes |
| 10/27/2020 | IGPP Seminar, SIO/UCSD | Seasonal water storage and modulation of earthquakes |
| 10/21/2020 | Basic Science Lights the Way: "The Overactive Earth", UC Berkeley | Active Tectonics on an Overactive Earth |
| 09/30/2020 | Northern California Geological Society (NCGS) | A close-up view of Bay Area natural hazards from outer space |
| 08/05/2020 | Seafloor Geodesy https://www.unavco.org/education/professional-development/short-courses/2020/seafloorgeodesy/seafloorgeodesy.html | State-of-the-Art in Seafloor Geodesy |
| 04/03/2020 | DeTect Series http://www.ipgp.jussieu.fr/~klinger/web_Yann/Detect_page/detect.html | Slow Fault Slip |
| 10/06/2019 | Megathrust Modeling Workshop, Eugene, OR | Slow Slip, Asperities and Deformation |
| 06/24/2019 | COMET, York, UK | Geophysical Probing of Fault Rheology |
| 06/17/2019 | Tel Aviv University, Israel | The ingredients of slow fault slip |
| 04/04/2019 | GFZ Potsdam, Germany | Mechanical Ingredients of Slow Fault-Slip Transients |
| 10/20/2018 | UC Berkeley, Science at Cal | A shaky anniversary: Lessons learned since the October 21, 1868 Hayward earthquake |
| 08/06/2018 | Univ. of Sci. and Technology, Hefei, China | Seasonal Deformation and Seismicity in California |
| 08/03/2018 | Institute of Seismology, CEA, Wuhan, China | Water and Tides Modulate Deformation, Seismicity and Tremor in California |
| 08/01/2018 | ISGG 2018 Symposium, Kunming, China | Probing the Deep Rheology of the Tibetan Plateau |
| 07/02/2018 | COMET Annual Workshop, Lee Valley, UK | InSAR Characterization of Slow Moving Landslides |
| 06/28/2018 | ISTerre Grenoble, France | Water and Tides Modulate Deformation, Seismicity and Tremor in California |
| 06/25/2018 | 50 Years of Plate Tectonics Symposium, Collège de France, Paris | Probing the Rheology of the Asthenosphere |
| 11/17/2016 | Joint Meeting of the U.S.-Japan Panel on Earthquake Research (UJNR), Napa, CA | Transient Deformation and Stress From Enduring Postseismic Deformation of the 2011 Tohoku-Oki Earthquake |

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| 08/08/2016 National Normal Taiwan University, Taipei, Taiwan | Periodic Deformation, Seismicity and Tremor in California |
| 07/20/2016 International Symposium Crustal Dynamics, Takayama, Japan | Transient Deformation and Stress From Postseismic Deformation of Great Megathrust Earthquakes |
| 07/15/2016 Tohoku University, Japan | Transient Deformation and Stress From Postseismic Deformation of Great Megathrust Earthquakes |
| 10/15/15 Dept. of Geosciences, UT Austin | Climate driven water storage, deformation and earthquakes in California |
| 10/16/15 UT Institute of Geophysics | What gives in the lower crust? Evidence from postseismic relaxation and tidally triggered tremors |
| 07/07/2015 Ecole Normale Supérieure, Paris; 07/13/2015 School of Earth and Environment, University of Leeds; 07/21/2015 University College of London; 07/23/2015 University of Cambridge | Periodic Crustal Deformation and Seismicity |
| 06/29/2015 Kandilli Observatory, Istanbul | Aseismic Fault Slip Along the San Andreas Fault System from GPS and InSAR |
| 05/12/2015 Earth and Planetary Sciences Dept., UCSC | Periodic Crustal Deformation and Seismicity |
| 12/04/2014 Dept. of Earth, Planetary and Space Sciences, UCLA | Periodic Crustal Deformation and Seismicity |
| 10/16/2014 Geophysics Dept., Stanford University | Periodic Crustal Deformation and Seismicity |
| 10/09/2014 EPS Distinguished Faculty Lecture, Berkeley | Periodic Crustal Deformation and Seismicity |
| 06/09/2014 USGS Western Region Colloquium | Periodic Deformation and Seismicity: From Tides to Seasonal Water Loads |
| 05/05/2014 Department of Earth Sciences, USC | Periodic Deformation and Seismicity: From Tides to Seasonal Water Loads |
| 01/17/2013 Geophysics Department, Stanford University | Megathrust earthquake cycle deformation in Sumatra and Japan |
| 10/22/2012 EOS Singapore, Workshop on Seafloor Geodesy | The Value of Seafloor Geodesy for Subduction Zone Earthquake Cycle Studies |
| 09/26/2012 Symposium of Global COE Program for Earth Sciences | Resolving Postseismic Relaxation Processes Following the 2011 Tohoku Earthquake |
| 07/01&07/03/2012 Lair of the Bear, Pinecrest California | California Earthquakes! (public lecture to UC Berkeley Alumni) |
| 03/18/2012 Geofluids Symposium: Dynamics and Evolution of the Earth's Interior, Misasa Japan | The Role of Fluids in the Rheology of Rocks and Fault Zones in the Lower Crust and Upper Mantle |
| 09/19/2011 EarthScope Institute on Lithosphere-Asthenosphere Boundary, Portland | Lithosphere and Asthenosphere Rheology from Post-loading Deformation |
| 03/29/11 UC Berkeley Panel Discussion, Earthquakes, tsunamis and nuclear fallout: Is California at risk like Japan? | What does the future hold for earthquakes in CA? |
| 10/14/2011 EarthScope Institute on the Spectrum of Fault Slip Behavior, Portland | Triggering and Modulation of Slow Slip: Implications for Mechanics and Hazard |

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| 06/24/10 EOS Nanyang Technological University, Singapore | Postseismic Relaxation, Slow Slip and Tremor: Rheology of the Lithosphere and Faults |
| 11/23/09 Caltech | Probing The Rheology And Localization Of Deformation In The Lower Crust: Evidence From Postseismic Relaxation And Tremor |
| 10/18/09 Loma Prieta Earthquake Commemorative Symposium, San Francisco | New Insights into the San Andreas Fault System from Space Geodesy and the next Generation of Crustal Deformation Models |
| 07/23/09 INGV Bologna, Italy | Lithosphere and Fault Rheology from Earthquake Cycle Deformation |
| 07/21/09 Tele-Rilevamento Europa, Milano, Italy | Active Tectonics and Non-Tectonics of the San Francisco Bay Area from PS-InSAR |
| 07/13/09 "Frontiers in Earth Sciences" Lecture Series, Ludwig Maximilian Univ., Germany | Active Tectonics and Non-Tectonics of the San Francisco Bay Area from Space Geodesy |
| 07/03/09 DLR, Oberpfaffenhofen, Germany | Active Tectonics and Non-Tectonics of the San Francisco Bay Area from InSAR |
| 06/30/09 Geophysics Department, Ludwig Maximilian Univ., Germany | Lithosphere Rheology from Postseismic Deformation |
| 05/01/09 INPA Seminar, LBNL | Earthquake potential of the Hayward fault |
| 03/23/09 Univ. of Southern California | Lithosphere Rheology from Postseismic Deformation: What's for Dessert? |

JOURNAL REVIEWS:

Reviewed papers published in Science, Nature, Nature Geoscience, Tectonics, Tectonophysics, Physics of the Earth and Planetary Interiors, J. of the Geological Society of India, J. of Volcanological and Geothermal Research, Terra Nova, Israel J. of Earth Sciences, Earth and Planetary Science Letters, Geophysical J. International, Geophysical Research Letters, Geology, Geological Society of America Bulletin, J. of Geophysical Research, and Bulletin of the Seismological Society of America.

PUBLICATIONS (Orcid ID: [0000-0002-3560-044X](https://orcid.org/0000-0002-3560-044X)):

1989:

1. Ratschbacher, L., Meschede, M., Frisch, W., Bürgmann, R., Ott, R., Richter, C., Streck, M., and Wech, A., Personal Computer in Strukturgeologie und Tektonik, *Zeitsch. dt. geol. Ges.*, v.140, 219-229.

1990:

2. Behr, J., Bilham, R., Bodin, P., Burford, R.O., Bürgmann, R., 1990, Aseismic slip on the San Andreas fault south of Loma Prieta, *Geophys. Res. Lett.*, 17, 1445-1448.

1991:

3. Bürgmann, R., 1991, Transpression along the southern San Andreas Fault, Durmid Hill, California, *Tectonics*, 10, 1152-1163.

1992:

4. Bürgmann, R., and Pollard, D.D., 1992, Influence of the state of stress on the brittle-ductile transition in granitic rock: Evidence from fault steps in the Sierra Nevada, California, *Geology*, 20, 645-648.

1994:

5. Bürgmann, R., Arrowsmith, R., Dumitru, T., and McLaughlin, R., 1994, Rise and fall of the southern Santa Cruz Mountains, California, from fission tracks, geomorphology, and geodesy, *Journal of Geophysical Research*, 99, 20,181-20,202
6. Bürgmann, R., Pollard, D.D., and Martel, S.J., 1994, Slip distribution on faults: effects of stress gradients, inelastic deformation, heterogeneous host-rock stiffness, and fault interaction, *Journal of Structural Geology*, 16, 1675-1690.
7. Bürgmann, R., And Pollard, D.D., 1994, Strain accomodation about strike-slip fault discontinuities in granitic rock under brittle-to-ductile conditions, *Journal of Structural Geology*, 16, 1655-1674.
8. Bürgmann, R., Arrowsmith, R., and Dumitru, T., 1994, Slip Rates and Earthquake Hazard Along the Foothills Thrust Belt in the Southern San Francisco Bay Area, *USGS Open File Report*, 31-33.

1995:

9. Owen, S., Segall, P., Freymueller, J., Miklius, A, Denlinger, R., Arnadottir, T., Sako, M., Bürgmann, R., 1995, Rapid deformation of the south flank of Kilauea Volcano, Hawaii, *Science*, 267, 1328-1332.
10. Paul, J., Blume, F., Jade, S., Kumar, V., Swathi, P.S., Ananda, M.B., Gaur, V.K., Bürgmann, R., Bilham, R., Namboodri, B., Mencin, D., 1995, Microstrain stability of Peninsular India 1864-1994, *Proceedings of the Indian Academy of Sciences (Earth Planetary Sciences)*, 104, No. 1, 131-146.

1996:

11. E. Boschi, D. Giardini, D. Pantosti, G. Valensise, R. Arrowsmith, Basham, R. Bürgmann, A. Crone, A. Hull, R. McGuire, D. Schwartz, K. Sieh, S. Ward and R. Yeats, 1996, New Trends in Active Faulting Studies for Seismic Hazard Assessment, *Annali di Geofisica*, 34, 1301-1307.
12. Bürgmann, R., 1996, Earth Crust, *in McGraw-Hill Yearbook of Science and Technology*, McGraw-Hill, New York, p.153-157
13. Freymueller, J., Bilham, R., Bürgmann, R., Larson, K.M., Paul, J., Jade S., and, Gaur, V., 1996, Global Positioning System measurements of Indian plate motion and convergence across the Lesser Himalaya, *Geophysical Research Letters*, 23, 3107-3110.

1997:

14. Bürgmann, R., 1997, Active detachment faulting in the San Francisco Bay area?, *Geology*, 25, p.1135-1138.

15. Bürgmann, R., Segall, P., Lisowski, M., and Svarc, J.L., 1997, Postseismic Strain Following the 1989 Loma Prieta Earthquake From GPS and Leveling Measurements, *Journal of Geophysical Research*, 102, p.4933-4955.
16. Bürgmann, R., Segall, P., Lisowski, M., and Svarc, J.L., 1997, Strain development subsequent to the 1989 Loma Prieta earthquake, *U.S.G.S. Professional Paper 1550D*, p.209-244.

1998:

17. Arrowsmith, R., Bürgmann, R., and Dumitru, T., 1998, Uplift and fault slip rates in the southern San Francisco bay area from fission-tracks, geomorphology, and geodesy, in Quaternary geochronology and seismic hazards assessments, in Noller, J. S., Sowers, J. M., and Lettis, W. R., eds., *Dating and earthquakes: Review of Quaternary geochronology and its application to paleoseismology*: U. S. Nuclear Regulatory Commission, NUREG/CR 5562, 345-351.
18. Bürgmann, R., Fielding, E., and Sukhatme, J., 1998, Slip along the Hayward fault, California, estimated from space-based synthetic aperture radar interferometry, *Geology*, 26, no. 6, 559-562.
19. Gross, S., and Bürgmann, R., 1998, Rate and state of background stress estimated from the aftershocks of the 1989 Loma Prieta, California, earthquake, *J. Geophys. Res.*, 103, 4915-4927.
20. Pollitz, F., R. Bürgmann, and B. Romanowicz, 1998, Viscosity of oceanic asthenosphere inferred from remote triggering of earthquakes, *Science*, 280, 1245-1249.
21. Pollitz, F., Bürgmann, R., and Segall, P., Joint estimation of afterslip rate and postseismic relaxation following the 1989 Loma Prieta earthquake, *J. Geophys. Res.*, 103, 26,975-26,992, 1998.

1999:

22. Bürgmann, R., Larson, K., and Bilham, R., 1999, Model Inversion Of GPS And Leveling Measurements Across The Himalaya: Implications For Earthquake Hazards And Future Geodetic Networks, *Himalayan Geology*, 20, 59-72.
23. Larson, K., Bürgmann, R., Bilham, R., and Freymueller, J.T., 1999, Kinematics of the India-Eurasia collision zone from GPS measurements, *J. Geophys. Res.*, 104, 1077-1093.

2000:

24. Bürgmann, R., Rosen, P., and Fielding, E., Synthetic aperture radar interferometry to measure Earth's surface topography and its deformation, *Annual Reviews of Earth and Planetary Sciences*, 28, 169-209, 2000.
25. Bürgmann, R. Schmidt, D., Nadeau, R., D'Alessio, M., Fielding, E., Lawrence, S., Manaker, D., McEvelly, T., and Murray, M.H., Earthquake potential along the northern Hayward fault, California, *Science*, 289, 1178-1182, 2000.
26. Pollitz, F.F., Peltzer, G., and Bürgmann, R., Mobility of continental mantle: Evidence from postseismic geodetic observations following the 1992 Landers earthquake, *J. Geophys. Res.* 105, 8035-8054, 2000.
27. Reilinger, R. E., S. Ergintav, R. Bürgmann, S. McClusky, O. Lenk, A. Barka, O. Gurkan, L. Hearn, K. L. Feigl, R. Cakmak, B. Aktug, H. Ozener, M. N. Töksoz, Coseismic and postseismic fault slip for the 17 August 1999, M=7.5, Izmit, Turkey Earthquake *Science*, 289, 1519-1524, 2000.
28. Segall, P., R. Bürgmann, and M. Matthews, Time dependent deformation following the 1989 Loma Prieta earthquake, *J. Geophys. Res.*, 105, 5615-5634, 2000.

2001:

29. Ayhan, M. E., Bürgmann, R., McClusky, S., Lenk, O., Aktug, B., Herece, E., and Reilinger, R.E., Kinematics of the Mw 7.2, 12 November 1999, Düzce, Turkey earthquake, *Geophys. Res. Lett.* 28, 367-370, 2001.
30. Bürgmann, R., M.G. Kogan, V.E. Levin, C.H. Scholz, R.W. King, and G.M. Steblov, Rapid aseismic moment release following the 5 December, 1997 Kronotsky, Kamchatka, earthquake, *Geophys. Res. Lett.*, 28, 1331-1334, 2001.

31. Cannon, E.C., and Bürgmann, R., Prehistoric fault offsets of the Hilina fault system, South Flank of Kilauea Volcano, Hawaii, *J. Geophys. Res.*, 106, 4207-4219, 2001.
32. Cannon, E.C., Bürgmann, R., and Owen, S.E., Shallow normal faulting and block rotation associated with the 1975 Kalapana earthquake, Kilauea Volcano, Hawaii, *Bull. Seismol. Soc. Am.*, 91, 1553-1562, 2001.
33. Paul, J., R. Bürgmann, V.K. Gaur, R. Bilham, K. Larson, M.B. Ananda, T.S. Anupama, S. Jade, D. Kumar, and M. Mukul, The motion and active deformation across India, *Geophys. Res. Lett.* 28, 647-651, 2001.
34. Pollitz, F.F., Kellogg, L, and Bürgmann, R., Sinking mafic body in a reactivated lower crust: A mechanism for stress concentration at the New Madrid seismic zone, *Bull. Seismol. Soc. Am.*, 91, 1882-1897, 2001.

2002:

35. Banerjee, P., and Bürgmann, R., Convergence across the northwest Himalaya from GPS measurements, *Geophys. Res. Lett.*, 29, 10.1029/2002GL015184, 2002.
36. Bürgmann, R., M.E. Ayhan, E.J. Fielding, T.J. Wright, S. McClusky, B. Aktug, C. Demir, O. Lenk, and A. Türkezer, Deformation during the 12 November 1999 Düzce, Turkey Earthquake, from GPS and InSAR Data, *Bull. Seism. Soc. Am.*, 92, 161-171, 2002.
37. Bürgmann, R., S. Ergintav, P. Segall, E.H. Hearn, S. McClusky, R.E. Reilinger, H. Woith, and J. Zschau, Time-dependent distributed afterslip on and deep below the Izmit earthquake rupture, *Bull. Seism. Soc. Am.*, 92, 126-137, 2002.
38. Dzurisin, D., M.P. Poland, and R. Bürgmann, Steady subsidence of Medicine Lake Volcano, northern California, revealed by repeated leveling surveys, *J. Geophys. Res.*, 107, doi:10.1029/2001JB000893, 2002.
39. Ergintav, S., R. Bürgmann, S. McClusky, R. Cakmak, R.E. Reilinger, O. Lenk, A. Barka, and O. Gurkan, Postseismic deformation following Izmit earthquake, 17 August 1999, *Bull. Seism. Soc. Am.*, 92, 194-207, 2002.
40. Feigl, K.L., F. Sarti, H. Vadon, P. Durand, S. McClusky, S. Ergintav, R. Bürgmann, A. Rigo, D. Massonnet, and R. Reilinger, Estimating slip distribution for the Izmit mainshock from coseismic GPS, ERS-1, RADARSAT and SPOT measurements, *Bull. Seism. Soc. Am.*, 92, 138-160, 2002.
41. Hearn, E.H., R. Bürgmann, and R. Reilinger, Dynamics of Izmit earthquake postseismic deformation and loading of the Düzce earthquake hypocenter, *Bull. Seism. Soc. Am.*, 92, 172-193, 2002.
42. Price, E.J., and Bürgmann, R., Interactions between the Landers and Hector Mine earthquakes from space geodesy, boundary element modeling, and time-dependent friction, *Bull. Seism. Soc. Am.*, 92, 1450-1469, 2002.

2003:

43. Battaglia, M., D. Zuliani, D. Pascutti, A. Michelini, I. Marson, M.H. Murray, and R. Bürgmann, Network Assesses Earthquake Potential in Italy's Southern Alps, *Eos*, 84 (28), 262-264, 2003.
44. d'Alessio, M.A., A.E. Blythe, and R. Bürgmann, No frictional heat along the San Gabriel fault, California: Evidence from fission track thermochronology, *Geology*, 31, 541-544, 2003.
45. Hreinsdóttir, S., J.T. Freymueller, H. Fletcher, C.F. Larsen, and R. Bürgmann, Coseismic slip distribution of the 2002 Mw 7.9 Denali fault earthquake, Alaska, determined from GPS measurements, *Geophys. Res. Lett.*, 30, doi:10.1029/2003GL017447, 2003.
46. Kogan, M.G., R. Bürgmann, N.F. Vasilenko, C.H. Scholz, R.W. King, A.I. Ivashchenko, D.I. Frolov, G.M. Steblov, C.U. Kim, and S.G. Egorov, The 2000 Mw 6.8 Ulegorsk earthquake and regional plate boundary deformation of Sakhalin from geodetic data, *Geophys. Res. Lett.*, 30, doi:10.1029/2002GL016399, 2003.
47. Lynch, J.C., R. Bürgmann, M.A. Richards, and R.M. Ferencz, When faults communicate: viscoelastic coupling and earthquake clustering in a simple two-fault strike-slip system, *Geophys. Res. Lett.*, 30, doi:10.1029/2002-GL016765, 2003.

48. Manaker, D., Bürgmann, R., Prescott, W., and Langbein, J., Distribution of interseismic slip rates and the potential for significant earthquakes on the Calaveras fault, central California, *J. Geophys. Res.*, *108*, doi:10.1029/2002JB001749, 2003.
49. Schmidt, D.A., and Bürgmann, R., Time dependent land uplift and subsidence in the Santa Clara valley, California, from a large InSAR data set, *J. Geophys. Res.*, *108*, doi:10.1029/2002JB002267, 2003.
50. Steblov, G., M. Kogan, R.W. King, C.H. Scholz, R. Bürgmann, and D. Frolov, Imprint of the North American Plate in Siberia Revealed by GPS, *Geophys. Res. Lett.*, *30*, doi:10.1029/2003GL017805, 2003.

2004:

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