

# Daniel A Chapman

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## PROFILE

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- » Mixed Methods Research Scientist (PhD) & Consultant
- » Industry and Academic Experience in: Applied Statistics & Data Science; Grant & RFP Writing, Program Design & Evaluation; Project Management; Staff Training & Supervision
- » Topical Areas of Interest Include: Interdisciplinary Computational Social Science; Quantitative & Qualitative Methods; Risk Analysis & Decision Making (Energy, Sustainability, Disaster Preparedness, Preventative Health); Environmental Social Science
- » Excited about new learning opportunities and to gain experience within and outside of my areas of existing experience. Willing to complete additional training and skill certifications in self-directed or organizationally-supported context to meet occupational needs.

## RELEVANT WORK EXPERIENCE

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- 📅 2022/02–2019/07    **Research Director**  
**See Change Institute** 📍 Los Angeles, USA
- » Oversaw research strategy & activities involving the application of behavioral science to industry needs in energy, health, & media portfolios
  - » Co-wrote funding proposals, conducted project scoping & budget management, designed & implemented experiments, field studies, & statistical models involving data ranging from hundreds to millions of data points, & supervised staff researchers
- 📅 2020/06–2019/07    **Science Communication Researcher**  
**Annenberg Public Policy Center** 📍 Philadelphia, USA
- » Developed & conducted quantitative experimental research on science communication, focusing primarily on local environmental & health communication strategy
  - » Activities included literature review, study design & implementation, data analysis, & report writing for technical & non-technical audiences. This time included a series of applied studies with KQED Science on digital media strategy
- 📅 2019/06–2018/07    **Research Fellow**  
**Yale Law School** 📍 New Haven, USA
- » Analyzed archival data sets & conducted quantitative research on social, political & cultural identity & their influence on risk analysis and environmental decision making
  - » Activities included collaborative research with The Nature Conservancy on climate resilience in Tampa Bay, Florida

## ADDITIONAL CONSULTING AND RESEARCH EXPERIENCE

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- » As an affiliate of See Change Institute:
  - › Research design, statistical analysis, program Development, implementation & evaluation, & generalized behavioral strategy for organizations such as:
    - **Climate, Energy, & Environment:** *Calpine Energy Solutions; International Energy Agency; Pacific Gas & Electric; Oracle, & OPower; ICF International, Inc; Uplight; Brightmark; Ecotagious*
    - **Healthcare Access, Equity & Preventative Behavior:** *Limetree; Blue Shield of California; Lirio*

- **Media, Art, & Social Change:** *Amazon Studios; PBS Newshour; USC Norman Lear Center; City of Los Angeles (Department of Cultural Affairs); The Raben Group; Independent Television Services (ITVS)*
- » As an independent consultant:
  - **Frameworks Institute** (2019 - Present): *Research Design, Data Analysis & Statistics Consulting*
  - **Climate Outreach** (2021 - 2022): *Data Analysis & Statistics Consulting*
  - **Climate Visuals** (2021): *Climate and Environmental Communication/Imagery Consulting*
  - **UMass Amherst Departments of Food Science & Environmental Conservation** (2020): *Data Analysis & Statistics Consulting*
  - **UMass Amherst Forestry Extension** (2020): *Data Analysis & Writing*
  - **Spitfire Strategies (on behalf of the Global Commission on Adaptation)** (2019): *Climate Change Adaptation, Behavior & Communication Consulting*
- » As an affiliate of Yale Law School & Annenberg Public Policy Center:
  - **KQED Science** (2019-2021): *Research Design, Data Collection & Analysis, Report Writing, Advising*
  - **The Nature Conservancy** (2019-2020): *Research Design, Data Collection & Analysis, Report Writing*

## EDUCATION

📅 2016–2018	PhD in Psychology <b>University of Massachusetts Amherst</b> <div>📍 Amherst, USA</div> » Concentration: Psychology of Peace & Violence » Dissertation: <i>Three Investigations into the Dynamics and Implications of Identity-Protective Cognition for Public Responses to Environmental Problems</i>
📅 2013–2016	M.S. in Psychology <b>University of Massachusetts Amherst</b> <div>📍 Amherst, USA</div> » Thesis: <i>Secondhand Communication of Risk-Related Information: How Ideology and Relational Motives affect Interpersonal Risk Communication</i>
📅 2009–2013	B.A. in Psychology & Government & Political Affairs <b>Millersville University</b> <div>📍 Millersville, USA</div> » Magna cum Laude; Departmental Honors in Psychology

## SELECTED RELEVANT SKILLS

Generalized (Non)Linear Modeling	● ● ● ● ● ●
Psychometrics (Survey Design & Scale Validation)	● ● ● ● ● ●
Bayesian Statistical Inference	● ● ● ● ● ●
Experimental Design & Causal Inference	● ● ● ● ● ●
Machine Learning Fundamentals	● ● ● ● ● ●
Time Series Analysis	● ● ● ● ● ●
R & R Studio	● ● ● ● ● ●
Python	● ● ● ● ● ●
SAS	● ● ● ● ● ●
SQL	● ● ● ● ● ●
AWS	● ● ● ● ● ●
Microsoft & Open Office	● ● ● ● ● ●
Markdown	● ● ● ● ● ●
LaTeX & Overleaf	● ● ● ● ● ●

Beginner = 1, 2; Intermediate = 3, 4; Advanced = 5, 6

## PEER-REVIEWED PUBLICATIONS

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- » **Chapman, D. A., Lickel, B., & Markowitz, E. M. (2017).** Rethinking emotion in climate change communication. *Nature Climate Change*, 5, 10–18.
- » **Chapman, D. A. & Lickel, B., (2016).** Climate change and disasters: How framing affects justifications for giving or withholding aid to disaster victims. *Social Psychological & Personality Science*, 7, 13–20.
- » **Chapman, D. A., Corner, A., Webster, R., & Markowitz, E. M. (2016).** Climate visuals: A mixed methods investigation of public perceptions of climate images in three countries. *Global Environmental Change*, 41, 172–182.
- » **Chapman, D. A., Trott, C. D., Silka, L., Lickel, B., & Clayton, S. (2018).** Psychological perspectives on community resilience and climate change: Insights, examples, and directions for future research. In S. Clayton & C. Manning (Eds.), *Psychology and climate change: Human perceptions, impacts, and responses* (pp 267–288). Academic Press. doi.org/10.1016/C2016-0-04326-7.
- » **Chapman, D. A., Gagne, T. O., Ovitz, K. L., Griffin, L. P., Danylchuk, A. J., & Markowitz, E. M. (2018).** Modeling intentions to sanction among anglers in a catch-and-release recreational fishery for Golden Dorado (*Salminus brasiliensis*) in Salta, Argentina. *Human Dimensions of Wildlife*, 23, 391–398.
- » Wang, S., Corner, A., **Chapman, D. A., & Markowitz, E. M. (2018).** Public engagement with climate imagery in a changing digital landscape. *Wiley Interdisciplinary Reviews: Climate Change*, 9, e509.
- » Guckian, M. L., **Chapman, D. A., Lickel, B., & Markowitz, E. M. (2017).** “A few bad apples” or “rotten to the core”: Perceptions of corporate culture drive brand engagement after corporate scandal. *Journal of Consumer Behavior*, 17, e29–e41.
- » Mah, A. J. M., **Chapman, D. A., Markowitz, E. M., & Lickel, B. (2020).** Coping with climate change: Three insights for research, intervention, and communication to promote adaptive coping to climate change. *Journal of Anxiety Disorders*, 75, e102282.
- » Motta, M., **Chapman, D. A., Stecula, D., & Haglin, K. (2019).** An experimental examination of measurement disparities in public climate change beliefs. *Climatic Change*, 154, 37–47.
- » Markowitz, E. M., **Chapman, D. A., Guckian, M. L., & Lickel, B. (2017).** A corporate scandal that hits close to home: Examining owners’ responses to the Volkswagen diesel emissions scandal. *Environmental Communication*, 11, 740–755.
- » Suh, S. M., **Chapman, D. A., & Lickel, B. (2021).** The role of psychological research in understanding and responding to links between climate change and conflict. *Current Opinion in Psychology*, 42, 43–48.
- » Markowski-Lindsay, M., Catanzaro, P., Zimmerer, R., Kittredge, D., Markowitz, E. M., & **Chapman, D. A. (2020).** Northeastern family forest owner gender differences in land-based estate planning and the role of self-efficacy. *Journal of Forestry*, 118, 59–69.
- » Haglin, K., **Chapman, D. A., Motta, M., & Kahan, D. (2020).** How localized outbreaks and changes in media coverage affect Zika attitudes in national and local contexts. *Health Communication*, 35, 1686–1697.
- » Guckian, M. L., **Chapman, D. A., Lickel, B., & Markowitz, E. M. (2020).** From absolution to action: Examining Americans’ reactions to high-profile corporate scandals. *Analyses of Social Issues and Public Policy*, 20, 166–194.
- » Milman, A., Warner, B. P., **Chapman, D. A., & Short-Gianotti, A. G. (2017).** Identifying and quantifying landowner perspectives on integrated flood risk management. *Journal of Flood Risk Management*, 11, 34–47.
- » Motta, M., **Chapman, D. A., Haglin, K., & Kahan, D. (2019).** Reducing the administrative demands of the science curiosity scale (SCS): A validation study. *International Journal of Public Opinion Research*, 33, 215–233.
- » Feygina, I., **Chapman, D. A., & Markowitz, E. M. (2020).** Climate change: A challenge to human rights, justice, equality, and human well-being. In N. S. Rubin & R. L. Flores (Eds.), *The Cambridge Handbook of Psychology and Human Rights* (pp 443–458). Cambridge University Press. doi.org/10.1017/9781108348607.

## SELECTED OTHER PUBLICATIONS

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- » Dooley, L., Sheats, J., Hamilton, O., **Chapman, D. A., & Karlin, B. (2021).** *Climate change and youth mental health: Psychological impacts, resilience resources, and future directions*. Los Angeles: See Change Institute.

- » Smith, T., **Chapman**, D. A. et al. (2021). *Nature visuals: Diversity in images of England's green and natural spaces*. Natural England Commissioned Reports, Number NECR375.
- » **Chapman**, D. A. & Kahan, D. M. (2021). *Examining the causes of audience gender disparity in KQED's Deep Look science videos*. San Francisco: KQED.org.
- » **Chapman**, D. A. (2020). *Building a resilient Tampa Bay: Climate change beliefs, policy attitudes, and views on resiliency planning in five Florida counties*. Report commissioned by the Nature Conservancy.
- » **Chapman**, D. A., Wang, S., Gattaciecce, J., Rosenblum, A., & Karlin, B (2019). *Optimizing participation in community choice aggregation (CCA): A mixed-methods analysis of opt-out rates across fifteen California CCAs*. Los Angeles: See Change Institute.
- » Kahan, D. M., Berger, M., Cassidy, J., **Chapman**, D. A., Eris, S., Janet, K., & Landrum, A. (2019). *A deep look at gender disparity: A scientific investigation into the science communication of KQED's nature series*. San Francisco: KQED.org.
- » Karlin B., Forster, H., **Chapman**, D. A., Sheats, J., & Rotmann, S. (2021). *The Building Blocks of Behavior Change: A Scientific Approach to Optimizing Impact* Los Angeles: See Change Institute.
- » Markowitz, E. M., & **Chapman**, D. A. (2019). *Engaging diverse audiences on climate change adaptation: Key insights for effective communication from across the social sciences*. Report commissioned by Spitfire Strategies.
- » Rottman, S. & **Chapman**, D. A. (2018). *Energy saving kits - engaging and empowering end users? A cross-country case study comparison*. Paper presented at the 5th European Conference on Behavior and Energy Efficiency. Zurich, Switzerland.
- » Clayton, S., Silka, L., Trott, C., **Chapman**, D. A. & Mancoll, S. (2016). *Building resilient communities in the face of climate change: A resource for local communities*. Washington DC: Society for the Psychological Study of Social Issues

## ADDITIONAL ACADEMIC CONTRIBUTIONS AND SERVICE

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- » **Editorial Board:** Personality and Social Psychology Review (Jan 2022-Present)
- » **Peer Reviewer for Journals Including:** Cambridge Elements; Climatic Change; Climate, Weather, & Society; Environment & Behavior; Environmental Communication; Global Challenges; Journal of Bioeconomics; International Journal of Disaster Risk Reduction; Journal of Experimental Social Psychology; Motivation and Emotion; Nature Climate Change; Nature Communications; Nature Communications: Earth & Environment; Personality and Social Psychology Bulletin; Politics; Psychological Bulletin; Risk Analysis; Social Psychology and Personality Science
- » **Grant Reviewer:** National Science Foundation (USA), Swiss National Science Foundation

## REFERENCES

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- ✍ **Dr. Brian Lickel**, Professor of Psychology, UMass Amherst (✉, 🌐)
- ✍ **Dr. Ezra Markowitz**, Associate Professor of Environmental Conservation, UMass Amherst (✉, 🌐)
- ✍ **Dr. Cindy Frantz**, Professor of Psychology & Environmental Studies, Oberlin College (✉, 🌐)
- ✍ **Dr. Beth Karlin**, Founder & CEO, See Change Institute (✉, 🌐)