

**Neil G. Jacobson**  
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## **Education**

- 2021 (Expected) **Ph.D. Urban Education Policy, University of Southern California**  
**Concentration: Educational Psychology**
- 2016 **Master of Educational Sciences, Université Pierre-Mendès, France**  
**Specialty Engineering of Training**  
**International Cognitive Visualization Track**  
Graduated with Distinction
- M.A.: Interdisciplinary Studies, California State University, Chico**  
**Specialization in International Cognitive Visualization**  
Master's Thesis Title: Color in Context  
Graduated with Distinction
- 2013 **M.A.: Psychological Science, California State University, Chico**  
Master's Thesis: The Influence of Hue and Message Framing on Impression  
Formation in a Court Case.  
Graduated with Distinction
- 2010 **B.A.: Psychology, California State University, Chico**

## **Professional Organizations**

Society for Text and Discourse Processes (ST&D)  
European Association for Learning and Instruction (EARLI)  
Text and Graphic Comprehension, EARLI Special Interest Group (SIG2)  
American Educational Research Association (AERA)  
    Division C: Learning and Instruction  
National Consortium of Instruction and Cognition (NCIC)  
Association for Psychological Science (APS)  
American Psychological Association (APA)  
    Division 15: Educational Psychology

## **Work in In Progress**

### **Book Chapters**

Sinatra G.M., & **Jacobson, N.G., (in progress)** Zombie Concepts in Education: Why They Won't Die and Why You Can't Kill Them. To appear in P. Kendeou & D. Robinson (Eds.) *Misinformation, 'Quackery', and 'Fake News' in Education.*

## Manuscripts in Preparation

Sinatra G.M., & **Jacobson, N.G.**, (in preparation). *Explaining Away the Backfire Effect: The Role of Explanations in Refutation Texts.*

**Jacobson, N.G.**, Patall, E., & Sinatra G.M., (in preparation) *A meta-analytic investigation of the refutation text.*

**Jacobson, N.G.**, Danielson, R.W., Thacker, I. & Sinatra, G. M. (in preparation) *Where Does Motivated Reasoning Occur When Reading a Controversial and Complex Political/ Scientific Graphic.*

**Jacobson, N.G.**, & Schwartz, N.H. (in preparation). *The Role of Color in Decision-Making in a Legal Setting.*

Kolluri, S., Corwin, Z., Maruco, T. & **Jacobson, N.G.**, (in preparation). *Are High School Teachers Institutional Agents of College Access?*

Patall, E., ..... **Jacobson, N.G.**, (in preparation) *Meta-analysis of classroom structure on motivation.*

**Jacobson, N.G.**, & Hypolite, L. (in preparation). *Content analysis of research position statements in the American Educational Research Journal.*

Jacobson, N. G., other author (in preparation). *Title of manuscript.*

Jacobson, N. G., other author (in preparation). *Title of manuscript.*

## Scholarly Presentations

### International and National Conference

**Jacobson, N.G.**, & Sinatra G.M., (2018, July). Explaining Away the Backfire Effect: The Role of Explanations in Refutation Texts. Paper accepted for presentation at the Society for Text and Discourse Processes, Brighton, UK.

Danielson, R.W., Sinatra G.M., Thacker, I., & **Jacobson, N.G.**, (2017, August). When Strategic Graphical Interpretation Fails: The Influence of Prior Belief and Political Identity. Poster to be presented at the European Association for Research on Learning and Instruction, Tampere, Finland.

**Jacobson, N.G.**, Schwartz, N., Lippmann, M., & Bartel, A., (2016, July) The Influence of Colored Graphics on Decision-Making. Poster accepted for presentation at the European Association for Research on Learning and Instruction's Special Interest Group 2 meeting Geneva, Switzerland.

Bartel, A., Schwartz, N., **Jacobson, N.G.**, & Lehmann, J., (2016, July) Influence of Appearance-based Trait Inferences of Candidate Facial Morphology on Comprehension of Conflicting Text Content. Paper presented at the European Association for Research on Learning and Instruction's Special Interest Group 2 meeting Geneva, Switzerland.

Stock, A., **Jacobson, N.G.**, Bartel, A., & Schwartz, N., (2016, July) The Truth is in the Eye of the Beholder: Investigating truthiness as a function of source trustworthiness and semantically related photographs. Poster presented at the European Association for Research on Learning and Instruction's Special Interest Group 2 meeting Geneva, Switzerland.

Lippmann, M., **Jacobson, N.G.**, Koerndle, H., Schwartz, N., & Narciss, S., (July, 2016) Effects of Title-Concreteness on Text Comprehension. Poster presented at the Society for Text and Discourse, Kassel, Germany.

**Jacobson, N.G.**, Schwartz, N., & Lippmann, M., (2013, August) Color in Context: The Influence of Color and Attribute Framing on Perceptions of Guilt in Litigation. Paper presented at the European Association for Research on Learning and Instruction, Munich, Germany

**Jacobson, N.G.,** & Sinatra G.M., (2018, August). Interactions of Political Identity, Prior Knowledge and Refutation Texts in Learning About Genetically Modified Foods. Poster accepted for presentation at the American Psychological Association annual meeting, San Francisco, California

Kennedy, A., **Jacobson, N.G.,** Thacker, I., Sinatra G.M., Lu, X., Sohn, J., Nelson, D., Rosenberg, S.R., Nye, B.D. (2018, August). Re-living paleontology: Using Augmented Reality to Promote Engagement and Learning. Poster accepted for presentation at the American Psychological Association annual meeting, San Francisco, California.

**Jacobson, N.G.,** Schwartz, N., & Bartel, A., (April, 2016) Is there more to color than salience: Investigating the role of color in legal decision-making. Paper presented at the 30<sup>th</sup> Annual California State University Student Research Competition, Bakersfield, California.

**Jacobson, N.G.,** Schwartz, N., Danielson, B., Lippmann, M., & Ludewig, U. (2016, April). Visual Demonstrative Evidence in a Mock Jury Setting. Paper presented at The American Educational Research Association, Washington D.C., USA.

Ludewig, U., de Vries, E, Schwartz, N., **Jacobson, N.G.,** Fox, A., & Loker, S. (2016) Constructing Knowledge from interactive visualizations. How comprehension of complex relations influences representational choice. Paper presented at The American Educational Research Association. Washington, DC.

Lippmann, M., **Jacobson, N.G.,** Schwartz, N., Koerndle, H.J., & Narciss, S. (2016) Effects of Title-Concreteness on Comprehending Expository Texts: A Cross-Cultural Investigation. Paper presented at The American Education Research Association, Washington D.C., USA.

Jacobson, N., Schwartz, N., & Lippmann, M., (2014, April) The Effect of Graphics and Color on Evaluations in a Legal Setting. Poster presented at the American Educational Research Association, Philadelphia, PA, USA.

Lippmann, M., Schwartz, N., & Jacobson, N., (2014, April) Do Titles Matter? Effects of Text-Titles on Motivation, Text-Engagement and Text Comprehension. Paper presented at the American Educational Research Association, Philadelphia, PA, USA

Lippmann, M., Schwartz, N., & **Jacobson, N.,** (2014, April) Do Text-Titles Affect Metacognitive Judgments? Poster presented at the American Educational Research Association, Philadelphia, PA, USA

### **Regional Conference Presentations**

**Jacobson, N.G.,** Schwartz, N., & Bartel, A., (April, 2016) Is there more to color than salience: Investigating the role of color in legal decision-making. Paper presented at the 30<sup>th</sup> Annual California State University Chico Student Research Competition, Chico, California.

**Jacobson, N.G.,** & Kreamer, A., (2011, April) Is Once Enough? *A Neurobiological Explanation of Addictive Potentials for Psychotropic Substances.* Poster presented at the Behavioral Sciences Symposium, Chico, CA, USA

### **Service**

#### **Director of Communications for the National Consortium for Instruction and Cognition (NCIC)**

2016-present

- Director of internal and external communications for a 100-member organization.
- Collection and dissemination of member information and conference organization.

**Supervisor:** Marcia Davis, Ph.D., Associate Professor of Research in the School of Education, John's Hopkins, Baltimore, Maryland.

**Junior Research (JURE) Coordinator for Special Interest Group (SIG) 2: Comprehension of Text and Graphics. The European Association for Research on Learning and Instruction (EARLI).**

2013-2015

- Representative for JURE members at international conferences
- Responsible for representing SIG 2 at JURE conferences via poster presentations
- Aided in planning of SIG 2 meeting in Rotterdam, Netherlands

**Supervisor:** Erica de Vries, Ph.D., Professor of Educational Science, University Pierre-Mendes- France, Grenoble II

**Guest Reviewer**

Journal of Psychology Teaching and Learning

**Grants**

Internal Research Grant, Rossier School of Education. Received \$600.00 for data collection for the project,

*Explaining Away the Backfire Effect: The Role of Explanations in Refutation Texts.*

**Honors**

Master of Arts, with distinction, California State University Chico (2016)

Certificate of Recognition for contribution as JURE assistant coordinator for the special interest group (SIG 2) on the Comprehension of Text and Graphics, European Association for Research on Learning and Instruction (EARLI) (2015)

Master of Arts, with distinction, California State University Chico (2013)

Honoree, Dean's List, California State University, Chico (Fall 2009)

Honoree, Dean's List, California State University, Chico (Spring 2009)

Honoree, Dean's List, California State University, Chico (Fall 2008)

**Awards**

Finalist for the Richard C. Anderson Graduate Student Research Award, National Consortium of Instruction and Cognition (2016)

Awardee, Travel Stipend, California State University Chico (2016)

First Prize at the 30<sup>th</sup> Annual California State University, Chico Research Competition (2016)

Awardee, Travel Stipend, California State University Chico (2014)

Awardee, Travel Stipend, National Consortium of Instruction and Cognition (2013)

**Professional History**

**Research**

**Senior Researcher, Motivated Change Research Lab, Rossier School of Education.**

2016-present

- Supervised undergraduate research assistants.

**Supervisor:** Gale M. Sinatra, Ph.D., Professor of Psychology Education, University of Southern California

**Senior Researcher, Motivation in Education Research Group, Rossier School of Education.**

2016-present

- Recruited, interviewed, and selected undergraduate students into the research group
- Responsible for training undergraduate research assistants on coding of meta-analytic coding protocol.

**Supervisor:** Erika Patallo Ph.D., Professor of Education, University of Southern California

**Assistant Director, LCI Research Group, Department of Psychology, California State University, Chico.**

2015 – 2016

- Responsible for organizing laboratory including domestic and international students.
- Responsible for drafting plan of work and methodology sections in NSF grant.
- Assisted graduate and undergraduate students in research process, including concept formation, literature review, design, materials production and subject procurement, data collection, data reduction, and data analysis.
- Assisted graduate students in grant applications.

**Supervisor:** Neil H. Schwartz, Ph.D., Professor of Psychology, California State University, Chico.

**Coordinator, LCI Research Group, Department of Psychology, California State University, Chico.**

2011 – 2013

- Assisted graduate students in research process, including concept formation, literature review, design, materials production and subject procurement, data collection, data reduction, and data analysis.
- Guided graduate students in meeting Human Subjects Research Committee's ethical standards.
- Facilitated construction of MIT and Sentence Verification Task (SVT) questions.
- Facilitated construction of experimental materials for 5 research projects.

**Supervisor:** Neil H. Schwartz, Ph.D., Professor of Psychology, California State University, Chico.

**Perceptual Learning Styles Task Force, Department of Psychology, California State University, Chico.**

2010 - 2011

- Assisted the principal investigator in research design, materials production, subject procurement and data collection.

**Supervisor:** Martin van den Berg, Ph.D., Professor of Psychology, California State University, Chico.

## **Teaching**

**Teaching Assistant, Rossier School of Education, University of Southern California**

Spring 2018

- General education seminar 161 (Quantitative Reasoning). Co-taught a first-year undergraduate course on quantitative reasoning focusing on educational misconceptions, survey construction and statistical techniques including correlation and t-testing.

**Guest Lecturer, Department of Psychology, California State University, Chico**

Fall 2015

- Psychology 353 (Child Development). Lectured on cross-cultural perspectives in psychology, specifically Vygotsy's perspectives on cognitive development including the Zone of Proximal Development and scaffolding.

**Guest Lecturer, Department of Psychology, California State University, Chico**

Spring 2013

- Psychology 560 (Psychological Test and Measurement). Lectured on correlation and regression techniques as they apply to test and measurement, specifically test reliability.

**Guest Lecturer, Department of Psychology, California State University, Chico**

Spring 2012

- Psychology 401 (Senior Seminar in Visualization) Lectured on Geon Theory, Image-based Object Recognition and Visual Narratives.

**Instructional Student Assistant, Department of Psychology, California State University, Chico.**

Fall 2011-Spring 2012

- Psychology 398D (Writing for Careers in Psychology). Co-taught full course, including lecture creation and presentation, activity and assignment creation and grading.

**Supervisor:** Lawrence Herringer, Ph.D., Professor of Psychology, California State University, Chico.

**Instructional Student Assistant, Student Learning Center, California State University, Chico.**

Fall 2011

- Psychology 101 and 364 (Introduction to Psychology and Statistical Methods in Psychology). Tutored in both individual and group sessions.

**Supervisor:** Christine Connerly, Student Learning Center, California State University, Chico.

**Teacher's Assistant, Department of Psychology, California State University, Chico.**

Spring 2011-Summer 2011

- Psychology 364 (Statistical Methods in Psychology). Topics included Regression, Chi Square analysis, and Independent and Dependent samples t-tests.

**Supervisor:** Lawrence Herringer, Ph.D., Professor of Psychology, California State University, Chico.

Spring 2009- Fall 2010

- Psychology 321 (Brain Mind and Behavior). Topics included perception, emotion, learning and motivation.

**Supervisor:** Martin van den Berg, Ph.D., Professor of Psychology, California State University, Chico.

**Software Competencies**

- Windows and Macintosh operating systems.
- Microsoft Office and iWork
- SPSS v. 16-current.
- Stata
- R
- Qualtrics
- Mechanical Turk

- Photoshop, Illustrator, InDesign
- Learning management software (Blackboard)

### **Language Competencies**

- German: B2 level

### **References**

#### **Gale M. Sinatra, Ph.D**

Associate Dean for Research  
Professor of Education and Psychology  
Rossier School of Education  
University of Southern California  
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Email: [gsinatra@usc.edu](mailto:gsinatra@usc.edu)

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#### **Erica de Vries, Ph.D**

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